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# FOUR HUNDRED SIXTY STORMS

## DATA FROM THE SAN DIMAS EXPERIMENTAL FOREST

BY LYLE F. REIMANN
EVERETT L. HAMILTON

PACIFIC SOUTHWEST
FOREST AND RANGE
EXPERIMENT STATION
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DIVISION OF FORESTRY

# FOUR HUNDRED SIXTY STORMS

## Twenty-five Years of Rainfall Data from the San Dimas Experimental Forest

By Lyle F. Reimann
and
Everett L. Hamilton

Miscellaneous Paper No. 37 July 1959

U. S. DEPARTMENT OF AGRICULTURE, FOREST SERVICE
PACIFIC SOUTHWEST FOREST AND RANGE EXPERIMENT STATION

# FOUR HUNDRED SIXTY STORMS

## Twenty-five Years of Rainfall Data from the San Dimas Experimental Forest

Lyle F. Reimann
and
Everett L. Hamilton[1/]

This report presents data from the master recording rain gage at Tanbark Flat field headquarters of the San Dimas Experimental Forest in southern California.

Rainfall quantities by days, maximum rainfall rates by storms, and attendant storm data are given for the 25-year period 1933 to 1958. These data, as a long term and complete series, should be useful to workers in the fields of water supply and control, plant growth, and climate.

The San Dimas Experimental Forest was established in 1933 as a field laboratory for research in brushland watershed management. It is located 30 miles northeast of Los Angeles, in the San Gabriel Mountains. Research objectives are, first, to determine how watersheds function, what happens to the precipitation, and how water and soil movement are influenced by conditions of vegetation, soil, climate, geology, and topography; second, to develop methods of watershed management that will insure the maximum yield of useable water at a minimum of sedimentation and flood hazard. Fundamental to these objectives, a rainfall sampling network was established and supplementary studies were carried on to learn about rainfall behavior in mountain watersheds and develop better methods of rainfall measurement. The studies have been reported in U. S. Department of Agriculture Technical Bulletin 1096.

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1/ Lowell A. Andrews and E. B. Goodwin provided major assistance in collection of the data reported here.

The main San Dimas Experimental Forest rain gage, designated IF-35 (fig. 1) is located in the Tanbark Flat field headquarters of the San Dimas Experimental Forest at 2725 feet elevation (latitude 34°12', longitude 117°46'). It is set on a small bench having a south to southwesterly exposure (fig. 2). The site is screened by Coulter pines so the gage is well protected from wind and well exposed to rainfall. It was established originally by Los Angeles County Flood Control District in 1928, and has been observed since 1933 by the experiment station staff. The gage has had good maintenance, and tests have indicated that it sampled local rainfall accurately[2/]. In fact, its yearly average is very close to the yearly average rainfall for the whole experimental forest. The gage is in the U. S. Weather Bureau hydrometeorological net, and hourly readings are published monthly in California Climatological data as "San Dimas Tanbark Flat", index number 7750. Los Angeles County Flood Control District publishes monthly amounts as "Tanbark Flat" number 158 in their Biennial Report.

Gage IF-35 is a weighing-recording Fergusson type with a capacity of 12 inches. It is operated with a 24-hour chart which is changed daily at 1700 hours. When the chart is changed, the gage catch is measured volumetrically, and the recording pen is reset to zero. The rainfall record is tabulated by dividing the pen trace into sections of uniform slope, then recording for each section the quantity of rainfall and its duration in minutes on Form USDA-4 recommended by the National Research Council for federal interagency use. Therefore, rainfall amounts are available for any time interval within the capability of the gage, and rain rates can easily be computed. Rates for time intervals of 2 minutes to 24 hours are entered for each storm tabulation. The precipitation record is presented here in three sections.

Section 1 presents daily rainfall amounts, midnight to midnight, and annual summaries for the hydrologic year starting October 1. Annual rainfall is shown by figure 3.

Section 2 presents the annual summaries of maximum storm rates for storms greater than $\frac{1}{2}$-inch in amount.

Section 3 presents pertinent storm data by hydrologic years according to the following definitions:

Rainfall.--The amount of water falling from clouds during a storm--synonymous with "precipitation".

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2/ Rainfall-measurement as influenced by storm-characteristics in southern California mountains, E. L. Hamilton. Amer. Geophys. Union Trans. Pt. III: 502-518.

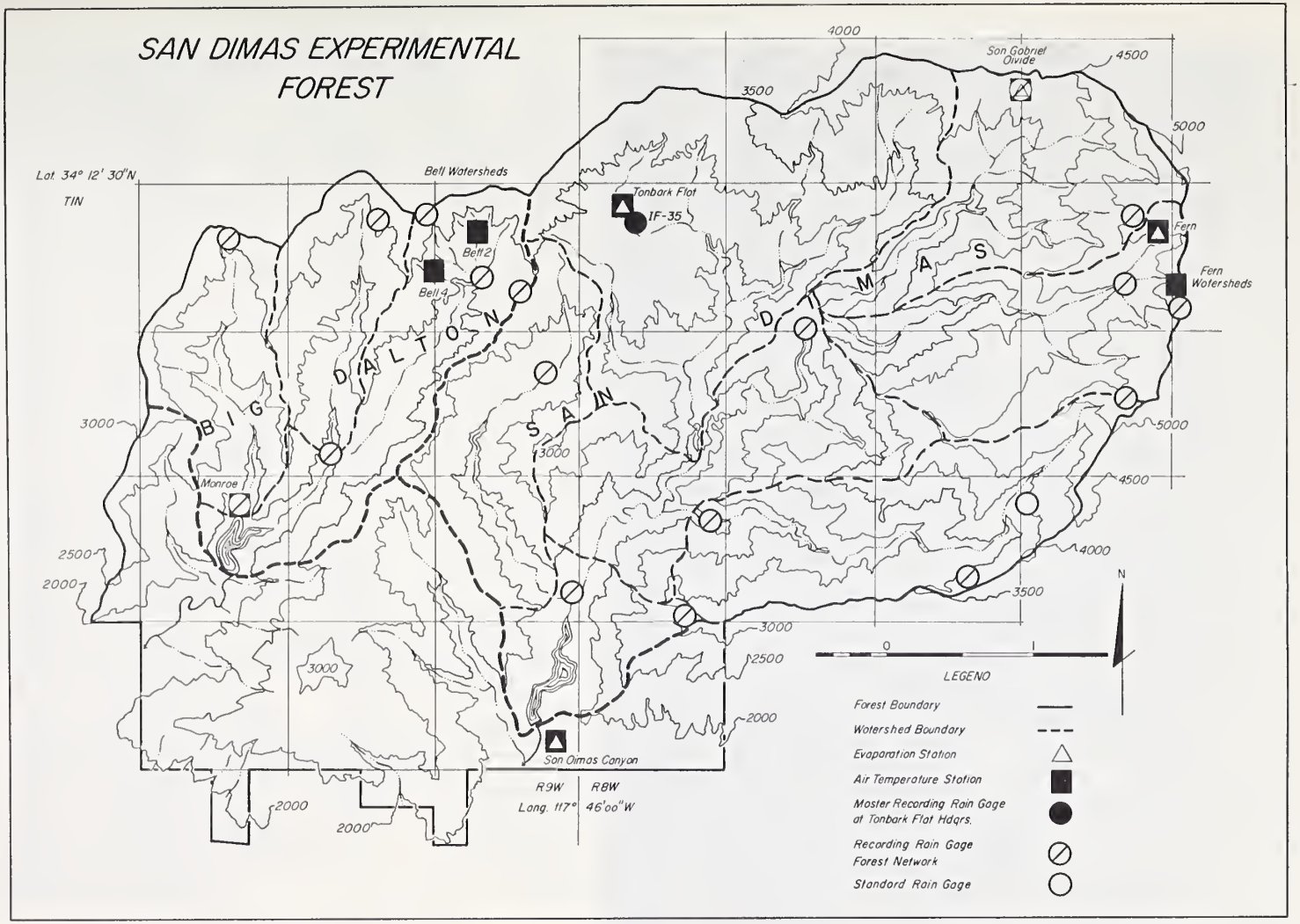


Figure 1.--San Dimas Experimental Forest in the San Gabriel mountains of southern California showing climatic stations and present rain gage locations.

Figure 2.--Situation of rain gage IF-35 at Tanbark Flat on the San Dimas Experimental Forest. Elevation at gage site is 2,725 feet, elevation of skyline is 3,500 feet.

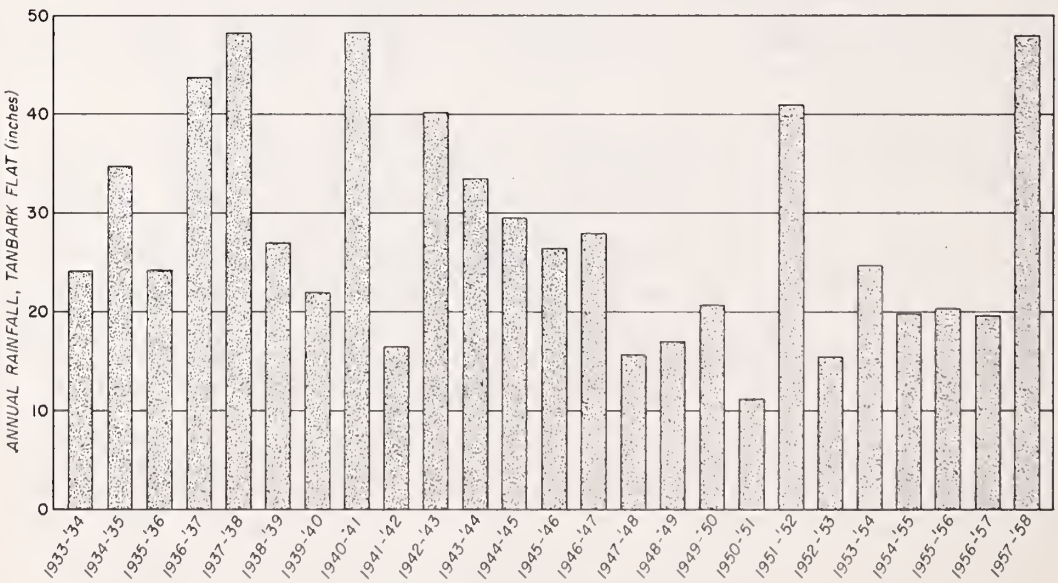


Figure 3.--Annual rainfall recorded by rain gage IF-35 at Tanbark Flat on the San Dimas Experimental Forest.

Storm.--A meteorological disturbance producing at least 0.10 inch of precipitation in the master rain gage number IF-35 at Tanbark Flat field headquarters. A period of 24 hours without rainfall and with clearing conditions marks the end of a storm. A new storm, however, may be designated within 24 hours of the cessation of rainfall if attendant meteorological conditions warrant it.

Storm number, Column 1.--A serial number given a storm rainfall defined above. Rainfalls less than 0.10 inch are designated a, b, c, etc., with the preceding storm number. The storm number series started with the establishment of the San Dimas Experimental Forest in 1933.

Storm duration, Column 6.--The total number of hours and minutes elapsed time from start to finish of a storm.

Actual raining time, Column 7.--Storm duration minus all intervals of 2 hours or more without rainfall.

Storm break, Column 8.--Cessation of rainfall within a storm for 2 or more hours.

Days since last rain, Column 9.--Number of days between stop and start of measurable precipitation, including trace.

Storm total, Column 10.--Total rainfall measured in recording gage IF-35. "T" (trace) less than 0.01 inch of rainfall within a storm period.

Maximum hourly rainfall rate, Column 11.--The greatest rise for 60 consecutive minutes in the recording rain gage trace, recorded as inches per hour.

Wind speed, storm average, Column 12.--Total number of wind miles recorded for duration of a storm by Tanbark Flat anemometer divided by hours of storm duration.

Wind speed, maximum hourly, Column 13.--Greatest number of wind miles recorded in one hour.

Average storm temperature, Column 14.--Total number of degrees tabulated from Tanbark Flat thermograph by 2-hour intervals, during actual raining time, times 2, divided by hours of raining time.

Range in precipitation, Column 15.--Total storm rainfall at San Dimas Guard Station (elevation 1,500 feet), the lowest gage location on the San Dimas Experimental Forest, and in Fern Small watershed number 2 (elevation 5,200 feet), the highest gage location.

# SECTION I

## DAILY RAINFALL AMOUNTS AND ANNUAL SUMMARIES

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1933-34

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | 4.63 | | | | 0.05 | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | 0.02 | | | | | | | | | |
| 4 | | | | | T | | | | | | | |
| 5 | | | | | | | | | 0.56 | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | 1.15 | | | | | | | | | |
| 13 | | | 4.05 | | | | | | .03 | | | |
| 14 | | | .62 | | | | 0.10 | | .04 | | | |
| 15 | | | .31 | | 0.07 | | .11 | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | .57 | | | | | | 0.10 | |
| 20 | | | | | .15 | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | .82 | | | | | | | 0.03 |
| 23 | | | | T | 1.38 | 0.10 | .01 | | | | | .20 |
| 24 | | | | .45 | .94 | | | | | | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | |
| 28 | | 0.65 | | | | | | | | | | |
| 29 | | .06 | | | | | | | | | | |
| 30 | 0.14 | .13 | .96 | | | | | | | | | |
| 31 | .42 | | 5.66 | | | | | | | | | |
| Total | .56 | .84 | 12.77 | 5.08 | 3.93 | .10 | .22 | .05 | .63 | 0 | .10 | .23 |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1934-35

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 0.05 | | | | | | | | 0.03 | | |
| 2 | | | | | | 1.05 | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | 0.72 | 1.27 | .49 | 0.12 | | | | | |
| 5 | | | | 1.49 | 1.33 | .05 | | | | | | |
| 6 | 0.10 | | | | .15 | | | | | | | |
| 7 | | | 0.18 | | .05 | .67 | .40 | | | | | |
| 8 | | | .44 | .10 | .30 | .15 | 3.70 | | | | | |
| 9 | | | | .86 | .04 | .18 | | | | | | |
| 10 | | | | .08 | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | .79 | | | | | | | | | |
| 13 | | | 2.42 | | | | | | | | | |
| 14 | | | 1.93 | .12 | .10 | | | | | | | |
| 15 | | .32 | | 1.53 | | | | | | | | |
| 16 | .02 | 1.33 | | | | | | 0.07 | | | | |
| 17 | 4.86 | .70 | | | | | | | | | | |
| 18 | 1.61 | T | | .94 | | | | | | | | |
| 19 | | .30 | | .18 | | .06 | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | | | | | | .41 | | | | | | |
| 22 | | | | | | .07 | | | | | | |
| 23 | | | | | | .60 | | | | | | |
| 24 | | | | | | .22 | | | | | | |
| 25 | | | | | | | | | | | 0.09 | |
| 26 | | | | | | | | | | | .02 | |
| 27 | | | .10 | | | | | | | | | |
| 28 | | | .91 | | | | | .02 | | | | |
| 29 | | | | | | | .95 | | | | | |
| 30 | | | | | | | .12 | | | | | |
| 31 | .01 | | | | | | | | | | | |
| Total | 6.60 | 2.70 | 6.77 | 6.02 | 3.24 | 3.95 | 5.29 | .09 | 0 | .03 | .11 | 0 |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1935-36

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.05 | | | | 1.87 | | | | | | | |
| 2 | .11 | 0.11 | | | 2.49 | | | | | | | |
| 3 | | | 0.07 | | | | 1.41 | | | | | |
| 4 | | | .17 | | | | 1.14 | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | T | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | T | | |
| 10 | | | | | | | | | | T | | |
| 11 | | | | 0.04 | 4.10 | | | | | | | |
| 12 | | | | | 1.53 | | | | | | | |
| 13 | | | | | 1.33 | | | | | | | |
| 14 | .27 | | | | 1.34 | | | | | | | |
| 15 | | | | | .40 | | | | | | | |
| 16 | | | | | 1.33 | | | | | | | |
| 17 | | .30 | | | .12 | | | | | | | |
| 18 | | .07 | | | .57 | | | | | | | |
| 19 | | | | | | | | | | | | T |
| 20 | | | | | | | | | | | | |
| 21 | | | | | | 0.19 | | | | | | |
| 22 | | .01 | | | .68 | .08 | | | | | | |
| 23 | | | | | 1.04 | | | | | | | |
| 24 | | | | | .05 | .59 | | | | | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | |
| 28 | | | | .05 | | | | | | | | |
| 29 | | | .92 | .03 | | | | | | | | |
| 30 | | | | | | 1.49 | | | | | | |
| 31 | | | | .04 | | .29 | | | | | | |
| Total | .43 | .49 | 1.16 | .16 | 16.85 | 2.64 | 2.55 | 0 | 0 | T | 0 | T |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1936-37

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | 0.02 | | | | | |
| 2 | | | | | | | .38 | | | | | |
| 3 | | | 0.05 | | | | | | | | | |
| 4 | | | .18 | | | | | | T | | | |
| 5 | | | | 0.99 | 0.50 | | | | 0.06 | | | |
| 6 | | | | .61 | 3.69 | | | | T | | | |
| 7 | | | | .16 | .41 | | | | | | | |
| 8 | | | | .06 | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | .04 | | | | | | | |
| 12 | | | | .68 | | 3.01 | | | | | | |
| 13 | | | | | 2.43 | 1.77 | | | | | | |
| 14 | | | .95 | | 1.93 | | | | | | | |
| 15 | | | 2.97 | | .09 | 1.16 | | | | | | |
| 16 | 0.47 | | .15 | | | .27 | | | | | | |
| 17 | .42 | | | | | .24 | | | | | | |
| 18 | .41 | | | | | .08 | | | | | | |
| 19 | | | | .03 | | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | | T | | | | .03 | | | | | | |
| 22 | | 0.06 | | | | 1.39 | | | | | | |
| 23 | | .11 | | | | | | | | | | |
| 24 | | | | | .62 | .54 | | 0.03 | | | | |
| 25 | | | .85 | | .66 | | | .09 | | | | |
| 26 | | | .07 | | | | .24 | .45 | | | | |
| 27 | | | 3.93 | | | .38 | | | | | | |
| 28 | | | .71 | .25 | | | | .03 | | | | |
| 29 | .18 | | .01 | .74 | | | | .11 | | | | |
| 30 | .30 | | 4.11 | 1.91 | | | | .10 | | | | |
| 31 | 1.24 | | .53 | .05 | | | | .01 | | | | |
| Total | 3.02 | .17 | 14.51 | 5.48 | 10.37 | 8.87 | .64 | .82 | .06 | 0 | 0 | 0 |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1937-38

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 1.60 | 0.62 | | 0.07 | | | | |
| 2 | | | | | .02 | 11.56 | | .17 | | | | |
| 3 | | | | | 3.32 | 1.19 | | | | | | |
| 4 | | | | | .40 | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | 0.04 | | | | .03 | | | | | | |
| 8 | | | | | .20 | .80 | | | | | | |
| 9 | | | 0.19 | | 1.47 | | | | 0.05 | | | |
| 10 | | | .58 | | .09 | | | | .16 | | | |
| 11 | | | 2.37 | | 1.96 | .46 | | | .01 | | | |
| 12 | | | | | .46 | 2.50 | 0.24 | | | | | |
| 13 | | | | | | 1.05 | .01 | | | T | | |
| 14 | | | | 0.10 | .04 | | | | | | | |
| 15 | | | | 2.52 | | | | .04 | | | | |
| 16 | | | | | | | | .14 | | | | |
| 17 | | | | | | | | .02 | | | | 0.06 |
| 18 | | | | .26 | .65 | | | | | | | |
| 19 | | | | .27 | .07 | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | .10 | | | | | | | | | |
| 23 | | | 1.43 | | | | | | | | | |
| 24 | | | | | | | .68 | | | | | |
| 25 | | | | | | | .32 | | | | | |
| 26 | | | .80 | | | | | | | | | |
| 27 | | | | | 1.55 | | | | | | | |
| 28 | | | | .11 | 6.28 | .10 | | | | | T | |
| 29 | | | | .20 | | | .51 | | | | T | |
| 30 | | | | | | | .16 | | | | | |
| 31 | | | | .10 | | | | | | | | |
| Total | 0 | .04 | 5.47 | 3.56 | 18.11 | 18.31 | 1.92 | .44 | .22 | T | T | .06 |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1938-39

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.02 | | | | 0.11 | | 0.29 | | | | | |
| 2 | | | | 0.01 | | | .56 | | | | | |
| 3 | | | | | 1.12 | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | 2.35 | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | .04 | | | | | | | |
| 8 | | | | | .89 | | | | | | | |
| 9 | | | | | | 1.36 | | | | | | |
| 10 | | 0.05 | | | .06 | .21 | | | | | | 0.10 |
| 11 | | | | | | | | | | | | .16 |
| 12 | | | | | | | | | | | | .04 |
| 13 | | | | | | | .11 | 0.13 | | | | |
| 14 | | | 0.59 | | | | .03 | .03 | | | | |
| 15 | .36 | | 1.09 | | | | | .02 | | | | |
| 16 | | | .09 | | | | | | | | | |
| 17 | | | .38 | | | | | | | | | |
| 18 | | | 3.38 | | | | | | | | | |
| 19 | | | 1.69 | | .04 | .05 | | | | | | |
| 20 | | | 1.81 | | | .27 | | | | | | |
| 21 | | | .01 | .93 | | | | | | | | .13 |
| 22 | | | | | | .01 | | | | | | |
| 23 | | | | | | .01 | .05 | | | | | |
| 24 | | | | | | | | | | | | 2.15 |
| 25 | | | | | | .02 | | | | | | 2.96 |
| 26 | | | | | | .86 | | | | | | .14 |
| 27 | | | | .03 | | 1.46 | | | | | | |
| 28 | | | | .03 | | .04 | | | | | | |
| 29 | | | | | | | | | | | | |
| 30 | | | | .60 | | | | | | | | |
| 31 | | | | .05 | | | | | | | | |
| Total | .38 | .05 | 9.04 | 4.00 | 2.26 | 4.29 | 1.04 | .18 | 0 | 0 | 0 | 5.68 |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1939-40

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 1.52 | | 0.09 | | | | | |
| 2 | 0.09 | | | | .84 | | | | | | | |
| 3 | .01 | | | | .78 | | | | | | | |
| 4 | | | | 0.54 | .01 | | .02 | | | | | |
| 5 | | | 0.09 | | | | | | | | | |
| 6 | .23 | | | .14 | | | | | | | | |
| 7 | .20 | | | 2.88 | | | | | | | | |
| 8 | .02 | 0.30 | | 1.57 | | | | | | | | |
| 9 | | .02 | | .57 | | | | | | T | | |
| 10 | | | | .10 | | T | | | | | | |
| 11 | | | .04 | .30 | | | | | | | | |
| 12 | | | | .05 | .02 | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | .40 | | | | | | | |
| 15 | | | | | | | .37 | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | 0.11 | | | | |
| 19 | | | | | | T | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | .24 | | | | | | | |
| 23 | | | .92 | .87 | .02 | | | | | | | |
| 24 | .04 | | | | | | | | | | | |
| 25 | | | | | 2.46 | 0.02 | .10 | | | | | |
| 26 | | | | | .05 | .07 | 2.11 | | | | | T |
| 27 | | | | | | .17 | | | | | | |
| 28 | | | | | .34 | | | | | | | |
| 29 | | | | | .85 | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | .44 | | 1.98 | | | | | | |
| Total | .59 | .32 | 1.05 | 7.46 | 7.53 | 2.24 | 2.69 | .11 | 0 | T | 0 | T |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1940-41

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | 1.02 | 0.42 | | | | | |
| 2 | | | | | | .48 | .32 | 0.07 | T | | | |
| 3 | | | | | | .83 | | .08 | | | | |
| 4 | | | | 0.05 | | 2.41 | 1.71 | | | | | |
| 5 | | | | | | .02 | | | | | T | |
| 6 | | | | | 0.82 | | | | 0.08 | | | |
| 7 | | | | T | | | | | .02 | | | |
| 8 | 0.06 | | | | | | | | T | | | |
| 9 | | | | | | | .95 | | | | | |
| 10 | | | | .58 | | | .55 | | | | T | |
| 11 | | | 0.20 | | 1.54 | .09 | .69 | | | | | |
| 12 | | | .12 | | | 1.74 | .41 | | | | | |
| 13 | | | | | | 1.18 | T | | | | | |
| 14 | | | | .08 | .89 | .95 | .07 | | | | | |
| 15 | | | | | .68 | | | | | | 0.03 | |
| 16 | | | 1.78 | | .34 | | | | | | | |
| 17 | | 1.14 | 1.14 | | .55 | | .15 | | | | | |
| 18 | | .73 | .31 | | | | | .02 | | | | |
| 19 | | | | | 2.02 | | | | | | | |
| 20 | | | | | 1.99 | | | | | | | |
| 21 | | | | .55 | 1.47 | | | | | | | |
| 22 | | | | .14 | .35 | | | | | | | |
| 23 | | | 1.94 | .17 | .06 | | | | | | | |
| 24 | | | 2.22 | 1.36 | .67 | | | | | | | |
| 25 | 2.06 | | | .03 | | | | | | T | | |
| 26 | .41 | | | .23 | | | | | | T | | |
| 27 | | | | | | | | T | | | | |
| 28 | | | .13 | | 2.26 | 1.03 | | | | | | |
| 29 | | | .33 | | | .80 | .04 | | | | | |
| 30 | | | .52 | | | | .74 | | | | | |
| 31 | | | | | | 1.41 | | | | | | |
| Total | 2.53 | 1.87 | 8.69 | 3.19 | 13.64 | 11.96 | 6.05 | .17 | .10 | T | .03 | 0 |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1941-42

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | 0.07 | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | 0.62 | | | | 0.65 | | | | | |
| 4 | | | | | | | .37 | | | | | |
| 5 | | | | | | | T | | | | | |
| 6 | | | | | | | .07 | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | .21 | | | | .06 | | | | 0.19 | |
| 10 | | | 1.80 | | | | .73 | T | | | .36 | |
| 11 | | 0.09 | | | | 0.48 | .15 | | | | | |
| 12 | 0.14 | .28 | | | | .04 | | | | | | |
| 13 | | | | | | .07 | | | | | | |
| 14 | | | | | | 1.24 | .35 | | | | | |
| 15 | | | | | | .04 | | | | | | |
| 16 | | .03 | | | | | | | | | | |
| 17 | | .03 | | | | | .23 | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | .21 | | | | | | | | | | | |
| 20 | .21 | | | | | | | | | | | |
| 21 | .29 | | | | 1.27 | | .26 | | | | | |
| 22 | .20 | | | .11 | .29 | | .12 | | | | | |
| 23 | .40 | | .88 | | | | | | | 0.02 | | |
| 24 | .02 | | | | | | | | | | | |
| 25 | | | .55 | | | | .01 | | | | | |
| 26 | | | .10 | | | | .01 | | | | | |
| 27 | .27 | | | | .06 | | | | | | | |
| 28 | | | 1.15 | | | | .21 | | | | | |
| 29 | | .20 | .96 | | | | .01 | | | | | |
| 30 | | | .50 | | | | | | | | | |
| 31 | | | .04 | | | | | | | | | |
| Total | 1.74 | .63 | 6.81 | .18 | 1.62 | 1.87 | 3.23 | T | 0 | .02 | .55 | 0 |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1942-43

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | 0.11 | | | |
| 2 | | | | | | | | | .04 | | | |
| 3 | | | | | | 3.15 | | | .01 | | | |
| 4 | | | T | | | 3.69 | | | | | | |
| 5 | | | T | | | .10 | 0.66 | | | | | |
| 6 | | | | | | T | .88 | | | | | |
| 7 | | | | | | | .11 | | | | | |
| 8 | | | | | 0.65 | | .67 | | | | | |
| 9 | | | | | | .03 | .01 | | | | | |
| 10 | | | | | | .02 | | | | | | |
| 11 | 0.40 | | | | | | .16 | | .02 | | | |
| 12 | .51 | | | | | | .03 | | .02 | | | |
| 13 | | | | | | | .02 | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | .13 | | | | | |
| 16 | | | | | | | .04 | | | | | |
| 17 | | | | | | .48 | | | | | | |
| 18 | | 0.09 | | | | .18 | | | | | | |
| 19 | | .58 | | | | | | | | | | |
| 20 | | | | | .23 | | | | | | | |
| 21 | | | | 1.76 | 1.10 | .07 | | | | | | |
| 22 | | | | 14.32 | 3.88 | .11 | | | | | | |
| 23 | | | 0.06 | 4.82 | .41 | | | | | | | |
| 24 | | | 1.09 | | .83 | | | | | | | |
| 25 | | | .30 | .03 | | | | | | | | |
| 26 | | | | 1.32 | | | | | | | | |
| 27 | | | | .16 | | | | | | | | |
| 28 | .93 | | | | | | | | | | | |
| 29 | | | | .07 | | | | | | | | |
| 30 | | | | .86 | | | | | | | | |
| 31 | | | | .09 | | | | | | | | |
| Total | 1.84 | .67 | 1.45 | 23.43 | 7.10 | 7.83 | 2.71 | 0 | .20 | 0 | 0 | 0 |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1943-44

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | 1.46 | | | 0.09 | | | |
| 2 | | | | 0.05 | | .52 | | | .13 | | | |
| 3 | | | | .02 | 1.18 | .08 | | | | | | |
| 4 | | | | .01 | .06 | .22 | | | | | | |
| 5 | | | 0.26 | .25 | | | | | | | | |
| 6 | | | .06 | .12 | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | .91 | | 0.27 | | .05 | | | |
| 9 | | | | | | | | | .09 | | | |
| 10 | | | 3.42 | | | | | | | | | |
| 11 | | | 1.62 | | | T | | | | | | |
| 12 | | | .05 | | | .13 | | | | | | |
| 13 | | | | | | .60 | | | | | | |
| 14 | | | | | .22 | | | | | | | |
| 15 | | | | | .25 | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | 0.29 | .01 | | .18 | | | | | | | |
| 18 | 1.26 | | .63 | | | | | | | | | |
| 19 | | .01 | 1.47 | | .44 | | | | | | | |
| 20 | | | 1.33 | | 2.30 | | | | | | | |
| 21 | | .02 | .07 | | 3.03 | | | | | | | |
| 22 | | | | | 5.25 | | | | | | | |
| 23 | | | | .80 | .18 | | | | | | | |
| 24 | | | | .05 | .09 | | | | | | | |
| 25 | | | | | .03 | | | | | | | |
| 26 | | | | .08 | .42 | | .03 | | | | | |
| 27 | .03 | | | .08 | | | 1.32 | | | | | |
| 28 | | | .21 | | | | .14 | | | | | |
| 29 | .03 | | .38 | | .32 | | | | | | | |
| 30 | | | .57 | .08 | | | | 0.01 | | | | 0.01 |
| 31 | | | | .19 | | | | | | | | |
| Total | 1.32 | .32 | 10.08 | 1.73 | 14.86 | 3.01 | 1.76 | .01 | .36 | 0 | 0 | .01 |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1944-45

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | 2.14 | 0.18 | 0.03 | | | | 0.15 | |
| 2 | | | 0.32 | | 3.47 | .24 | .03 | | | | | 0.09 |
| 3 | | | | | .02 | .51 | | | | | | |
| 4 | | 0.31 | | | | .41 | | | | | | |
| 5 | | .95 | | | | .38 | | | 0.03 | | | |
| 6 | | .02 | | | | | | | .01 | | | |
| 7 | | T | | | | | | T | | | | |
| 8 | | | | | | | .44 | 0.03 | | | | |
| 9 | | | | | | | .06 | .01 | | | | |
| 10 | | 2.68 | | | | | | | | | | |
| 11 | | 5.45 | | | | | | | | | | |
| 12 | | .21 | | | | | | T | | | | |
| 13 | | .71 | | | | .03 | | .02 | | | | |
| 14 | | .68 | | | | .11 | | | | | | |
| 15 | | | | | .06 | 2.32 | | | | | | |
| 16 | | | | | | .09 | | | | | | |
| 17 | | | | | .02 | .42 | | | | | .04 | |
| 18 | | | | | .19 | | | | | | .53 | |
| 19 | | | | 0.64 | .32 | | | | | | | |
| 20 | | | | | T | | | | | | | |
| 21 | | | | | | .86 | | | T | | | |
| 22 | | | .02 | | | .55 | | | | | | |
| 23 | T | | | | | .17 | | | | | | |
| 24 | | | | | .08 | | | | | | | |
| 25 | | | | | | .19 | .01 | | | | | |
| 26 | | | | | | .61 | .02 | | | | | |
| 27 | T | | .02 | | .50 | | | | | | | |
| 28 | | | .85 | | .36 | | | | | | | |
| 29 | | | .50 | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | .55 | | | | .01 | | | | |
| Total | T | 11.01 | 1.71 | 1.19 | 7.16 | 7.07 | .59 | .07 | .04 | 0 | .72 | .09 |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1945-46

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | 0.05 | | | | | |
| 2 | | | | 0.06 | | | .46 | | | | | |
| 3 | | | | .35 | 2.15 | | | | | | | |
| 4 | | | 0.02 | T | | | | | | | | |
| 5 | | 0.01 | | .06 | | | | | | | | |
| 6 | 0.56 | .48 | | | | | .06 | | | | | |
| 7 | .04 | | | | | | | | | | | |
| 8 | .11 | | | | | | | | | | | |
| 9 | | | | | | | | 0.02 | | | | |
| 10 | | | | | | | | .17 | | | | |
| 11 | | | .35 | | .01 | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | 0.65 | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | .01 | | | .23 | | | | | | | |
| 16 | | .01 | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | T | | | | T | | |
| 19 | | | | | | .64 | | | | 0.03 | | |
| 20 | | | | | | .33 | | .02 | | | | |
| 21 | | | 4.92 | | | .04 | | .03 | | | | |
| 22 | | | 5.40 | | | | | | | | | |
| 23 | | | 2.62 | | | | | | | | | |
| 24 | | | .03 | | | | | | | | | |
| 25 | | | .03 | | | | | | | | | |
| 26 | | | | | | | | .10 | | | | |
| 27 | | | | | | | | | | | | |
| 28 | | | | | | .50 | | | | | | |
| 29 | .28 | .01 | | | | .49 | | | | | | 0.34 |
| 30 | .23 | | | | | 4.88 | | | | | | .12 |
| 31 | | | | | | .07 | | | | | | |
| Total | 1.22 | .52 | 13.37 | .47 | 2.39 | 7.60 | .57 | .34 | 0 | .03 | 0 | .46 |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1946-47

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.50 | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | .60 | | | | | 0.36 | 0.02 | | | | | |
| 4 | .02 | | | | | T | | | | | | |
| 5 | | | T | | | .09 | | | | | | |
| 6 | | | 0.48 | | | | | | | | | |
| 7 | | 0.02 | | | | | | | | | | |
| 8 | | .03 | | | | | | | | | 0.05 | |
| 9 | | | | | 0.48 | | | | | | | |
| 10 | | .04 | | | | | | 0.03 | | | | |
| 11 | | .87 | | | | | | | | | | |
| 12 | | 1.93 | | 0.01 | | | | | | | | |
| 13 | | 2.33 | | | | | | .01 | | | | |
| 14 | | .81 | | | | | | .12 | | | | |
| 15 | | | | | | | | .03 | | | | |
| 16 | .32 | | | | .02 | | | | | | | |
| 17 | | | | | 1.02 | | | | | | | 0.27 |
| 18 | | | | | .03 | .08 | | | | | | |
| 19 | | .08 | | | | .01 | | | T | | | |
| 20 | | 4.32 | | | | .45 | .02 | | 0.06 | | | |
| 21 | | | | | | .22 | .12 | | | | | |
| 22 | | | | | | .02 | .15 | | | | | |
| 23 | | 1.74 | .17 | | | .01 | | | | | | |
| 24 | | | .25 | | | | | | | | | |
| 25 | | | 2.46 | | | | | | | | | |
| 26 | T | | 1.46 | | | | | .06 | | | | |
| 27 | .81 | | 1.06 | | .01 | .36 | | .07 | | | | |
| 28 | .17 | | | 1.47 | | .37 | | | | | | |
| 29 | | | | | | | | T | | | | |
| 30 | | | | | | | | .07 | | | | |
| 31 | | | | | | | | | | | | |
| Total | 3.42 | 12.17 | 5.88 | 1.48 | 1.56 | 1.97 | .31 | .39 | .06 | 0 | .05 | .27 |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1947-48

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | T | 0.15 | | 0.08 | | | | 0.67 | | | |
| 2 | | | .01 | | .08 | | 0.33 | | .05 | | | |
| 3 | | | | | | | 1.24 | | | | | |
| 4 | | | 2.10 | | .18 | | | | | | | |
| 5 | | | .80 | | 2.78 | | .30 | | | | | |
| 6 | | | | | .66 | | .05 | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | T | | | | | | |
| 9 | | 0.08 | | | | 0.01 | | | | | | |
| 10 | | | | | | | .15 | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | .92 | | | | | | |
| 14 | | | | | | 1.06 | | | | | | |
| 15 | | T | | | | | | | | | | |
| 16 | | | | | | .02 | | | | | | |
| 17 | | | | | | .65 | | | | | | |
| 18 | | | | | | | | 0.05 | | | | |
| 19 | | | | | | .33 | | | | | | |
| 20 | | | .04 | | | .01 | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | .96 | | | | | | |
| 25 | | | | 0.01 | | .02 | | | | | | |
| 26 | | | | .03 | | | | | | | | |
| 27 | | | | | | | | .01 | | | | |
| 28 | | | | | .24 | | 1.65 | .01 | | | | |
| 29 | | | | | | .03 | | | | | | |
| 30 | | | | | | | | .06 | | | | |
| 31 | | | | | | | | .01 | | | | |
| Total | 0 | .08 | 3.10 | .04 | 4.02 | 4.01 | 3.72 | .14 | .72 | 0 | 0 | 0 |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1948-49

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | 0.01 | | | | | |
| 2 | | | | | | 0.07 | .01 | | | | | |
| 3 | | T | 0.54 | | 0.31 | .01 | | | | | | |
| 4 | | | | | | .71 | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | .44 | .11 | | | | | | |
| 8 | | | | 0.02 | | | | | | | | |
| 9 | | | | .37 | | | | | | | | |
| 10 | | | | .14 | | .29 | | | | | | |
| 11 | | | | .37 | .65 | .37 | | | | | | |
| 12 | | | | .08 | | | | | | | | |
| 13 | | | | .25 | | | | 0.08 | | | | |
| 14 | | | | .17 | | | T | .24 | | | | |
| 15 | | | | | | | .02 | .30 | | | | |
| 16 | | | .36 | | | | | .13 | | | | |
| 17 | 0.10 | | 1.42 | | | | .02 | .22 | | | | |
| 18 | .33 | | | | | | .02 | .42 | | | | |
| 19 | | | | 1.03 | | .35 | .01 | .40 | | | | |
| 20 | | | | 1.23 | | .01 | | | | | | |
| 21 | | | | .02 | | | | | | | | |
| 22 | | | .40 | .84 | | .17 | | | | | | |
| 23 | | | T | .14 | | .01 | | | | | | |
| 24 | | | | .01 | .90 | .09 | | | | | | |
| 25 | | | | | .03 | | | | | | | |
| 26 | | | .91 | | .96 | | | | | | | |
| 27 | | | .33 | | .22 | | | | | | | |
| 28 | | | | | .01 | .04 | | | | | | |
| 29 | .02 | | | | | | | | | | | |
| 30 | .09 | | | | | .11 | | | | | | |
| 31 | | | | | | .03 | | | | | | |
| Total | .54 | T | 3.96 | 4.67 | 3.52 | 2.37 | .09 | 1.79 | 0 | 0 | 0 | 0 |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1949-50

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | T | | | | |
| 2 | | | | 0.15 | | T | | T | | | | |
| 3 | | | | | | | | 0.07 | | | | T |
| 4 | | | | | | | | | | | | T |
| 5 | | | | | 0.30 | | | | | | | T |
| 6 | | | | | 2.26 | | | | 0.08 | | | 0.04 |
| 7 | 0.01 | | 0.03 | | | | | | | | | |
| 8 | | 0.05 | .46 | 1.56 | | | 1.59 | | | | | |
| 9 | | 1.05 | .01 | | | | .28 | | | T | | |
| 10 | | 2.82 | .04 | | .48 | | | | | | | |
| 11 | | | | .96 | .02 | | | | | | | |
| 12 | | | | .15 | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | .10 | | | | | | | | |
| 15 | .05 | | | | | | | | | | | |
| 16 | .04 | | | | | | | T | | | | |
| 17 | .08 | | .13 | | | | | .12 | | | | |
| 18 | T | | 4.52 | | | | | | | | | |
| 19 | T | | .77 | | | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | .04 | | | | | |
| 23 | | | | | | | .01 | .02 | | | | |
| 24 | | | | | | 1.65 | .01 | | T | T | | |
| 25 | | | | | | .09 | | | | | | |
| 26 | | | | | | | | | | | | |
| 27 | | | | | | | .02 | | | | | |
| 28 | | | | .39 | | | .08 | | | | | |
| 29 | | | | .25 | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| Total | .18 | 3.92 | 5.96 | 3.56 | 3.06 | 1.74 | 2.03 | .21 | .08 | T | 0 | .04 |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1950-51

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | 0.84 | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | 0.09 | | | | | |
| 4 | | | | 0.02 | | | .43 | | | | | |
| 5 | | | | | | | .27 | | T | | | |
| 6 | | | | | | | .07 | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | T | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | .34 | | | | | | | | |
| 11 | | | | 1.20 | 0.07 | | | T | | | | |
| 12 | | | | | .07 | | | | | | | |
| 13 | | 1.19 | | | | | | 0.09 | | | | |
| 14 | | .06 | | | | | | .05 | | | | |
| 15 | | T | | | | | T | | | | | |
| 16 | | | | .17 | | | T | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | .05 | | .17 | | | .01 | | | | | |
| 19 | | .27 | | .47 | | | .01 | | | | | |
| 20 | | | | | | | .01 | | | | | |
| 21 | | | | | | | .02 | | | | | |
| 22 | | | | | .02 | | | | | | | |
| 23 | | | | | .24 | | | | | | | |
| 24 | | | | | .01 | | | | | | | |
| 25 | | | | | T | | 1.00 | | | | | |
| 26 | 0.14 | | | | .75 | | | | | | | |
| 27 | .12 | | | T | .09 | T | | | | | | |
| 28 | | | | .13 | | | 1.44 | | | T | | 0.03 |
| 29 | | | | 1.30 | | .01 | .14 | | | | T | |
| 30 | | | | .03 | | .03 | | | | | | |
| 31 | .02 | | | | | | | | | | | |
| Total | .28 | 1.57 | 0 | 3.83 | 1.25 | .88 | 3.49 | .14 | T | T | T | .03 |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1951-52

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 0.46 | | | 0.80 | | | | | | |
| 2 | | | .04 | | | | | | | | | |
| 3 | | | .01 | | | | | | | | | |
| 4 | | | .78 | | | | | | | | | |
| 5 | | | 1.44 | | | | | | | | | |
| 6 | | | | 0.09 | | .14 | | | | | | |
| 7 | | | | .45 | | 3.03 | 0.96 | | | | | |
| 8 | | | | .02 | | .05 | .02 | | | | | |
| 9 | | | | | T | | | | | | | |
| 10 | | | | | | 1.01 | .35 | | | | | |
| 11 | | | .74 | | 0.02 | .01 | .01 | | | | | |
| 12 | | | 1.08 | 2.84 | | .37 | | | | | | |
| 13 | | | | .59 | | .15 | | | | | | |
| 14 | | | | | | .10 | | | | | | |
| 15 | | | | 2.27 | | 2.80 | | | | | | |
| 16 | | | | 2.64 | | .39 | | | | | | |
| 17 | | | | 1.63 | .09 | | | | | | | |
| 18 | | | | 1.00 | | | | | | | | |
| 19 | | 1.38 | .58 | | | | .27 | | | | | 0.36 |
| 20 | | 1.18 | | | | | .01 | | | | | .10 |
| 21 | | .04 | | | | | | | | | | |
| 22 | | .01 | | | | | | | | | | |
| 23 | | .12 | | | T | | | | | | | |
| 24 | 0.53 | | | .16 | T | | | | | | | |
| 25 | 1.27 | | | .70 | | | .74 | | | | | .05 |
| 26 | | | | | | | .01 | | 0.03 | | | .03 |
| 27 | | | | | | | .16 | | | 0.03 | | |
| 28 | | | .15 | | | | .10 | | | | 0.02 | |
| 29 | T | | 3.71 | | .76 | | .15 | | | | | |
| 30 | .01 | | 2.06 | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| Total | 1.81 | 2.73 | 11.05 | 12.39 | .87 | 8.85 | 2.78 | 0 | .03 | .03 | .02 | .54 |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1952-53

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 1.71 | | | 0.43 | | | T | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | .02 | | | | 0.03 | | | | | |
| 6 | | | .08 | 0.86 | | | .06 | | T | | | |
| 7 | | 0.20 | | .31 | | | | | T | | | |
| 8 | | .45 | | .02 | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | 0.07 | |
| 12 | | | | | | | | | | T | | |
| 13 | | | | .43 | | | | | | | | |
| 14 | | .92 | | | | | | | | | | |
| 15 | | 1.91 | | | | | | 0.03 | | | | |
| 16 | | .01 | | | | | | | | | | |
| 17 | | | .02 | | | | | | | | | |
| 18 | | | | | | | | | 0.07 | | | |
| 19 | | | .04 | | | .80 | .03 | | .01 | | | |
| 20 | | | 1.12 | | | .56 | .40 | | | | | |
| 21 | | | | | | | .33 | | | | | |
| 22 | | .29 | | | | | | | | | | |
| 23 | | | | | 0.64 | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | |
| 27 | | | .02 | | | | .91 | .02 | | | | |
| 28 | | | .64 | | .24 | .10 | .02 | .14 | | | | |
| 29 | | .37 | | | | | .01 | | | | | |
| 30 | | .35 | .78 | | | | .01 | | | | | |
| 31 | | | .01 | | | | | | | | | |
| Total | 0 | 4.50 | 4.44 | 1.62 | .88 | 1.89 | 1.80 | .19 | .08 | T | .07 | 0 |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1953-54

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | T |
| 2 | | T | | | | | | | | | | |
| 3 | | | | | | | | | | | T | |
| 4 | | 0.02 | 0.41 | | | | | | | | | |
| 5 | | .18 | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | T | | | | | | |
| 9 | | | | | | | | T | | | | |
| 10 | | | | | | T | | | | | | |
| 11 | | | | 0.04 | | | | | | | | |
| 12 | | | | .74 | | | | | | T | | |
| 13 | | | | | 3.47 | | | | | T | | |
| 14 | | 1.05 | | | .77 | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | 1.18 | | T | T | | | |
| 17 | | | | .07 | .07 | .12 | | | T | | | |
| 18 | T | | | 1.44 | .02 | | | | | | | |
| 19 | | | | 4.96 | | .07 | | | | | | |
| 20 | | .07 | | .09 | | 1.44 | | | | | | |
| 21 | | | | | | .56 | | | | | | |
| 22 | 0.19 | | | | | .50 | | | | | | |
| 23 | | | | .06 | | .28 | | | | | | |
| 24 | | | | 3.47 | | .73 | | | | | | |
| 25 | | | | 1.23 | | .07 | | | T | T | | |
| 26 | | | | | | | | | T | | | |
| 27 | | | | | | | 0.13 | | T | | | |
| 28 | | | | | | | .08 | | | | | |
| 29 | | | | | | .89 | T | T | | | | T |
| 30 | | | | | | .51 | .01 | | | | | |
| 31 | | | | | | | | | | | | |
| Total | .19 | 1.32 | .41 | 12.10 | 4.33 | 6.35 | .22 | T | T | T | T | T |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1954-55

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | 1.12 | | | T | 0.53 | | | | |
| 2 | | | | .02 | | | | | | | | |
| 3 | | | 1.32 | .03 | | | | | | T | | |
| 4 | | | .03 | | | | | | | | 0.03 | |
| 5 | | | | | | | | | | | | |
| 6 | | | | .60 | | | | | | | | |
| 7 | | | | | | | | .65 | | | | |
| 8 | | | | | | | | .07 | | | | |
| 9 | | | .61 | .04 | | | | | | | | |
| 10 | | 0.34 | .01 | 1.87 | | 0.66 | | | | | | |
| 11 | | 2.31 | | | | .32 | | | | | T | |
| 12 | | .03 | | | | | | | | | | |
| 13 | | | | | | | | | 0.03 | | | |
| 14 | | | | | | T | | T | .02 | | | |
| 15 | | .18 | T | .12 | | | | | | | | |
| 16 | | .02 | | 1.15 | 0.31 | T | | | | | | |
| 17 | | | | | .43 | | | | | | | |
| 18 | | | | 1.90 | | | T | | | | | |
| 19 | | | | .05 | | | | | | T | | |
| 20 | | | | | | | | | | | | |
| 21 | | | | | | | 0.24 | | | | | |
| 22 | | | | | | | .37 | | | | | |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | | | .06 | | | | T |
| 25 | | | | | .02 | | | .02 | T | | | |
| 26 | | | | | .21 | | .12 | | T | | | |
| 27 | | | | | 1.27 | | | | | | | |
| 28 | | | | | | | | | | | | |
| 29 | | .20 | | | | | | | T | | | |
| 30 | | | | .23 | | | 2.21 | .14 | | | | |
| 31 | | | | .02 | | | | .03 | | | T | |
| Total | 0 | 3.08 | 1.97 | 7.15 | 2.24 | .98 | 2.94 | 1.50 | .05 | T | .03 | T |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1955-56

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | 0.33 | | | | 0.19 | | | | | |
| 2 | | | .04 | | | | T | | | T | | |
| 3 | | | | | | | | | | | | |
| 4 | | | .40 | | | | | | | | | |
| 5 | | | | | | 0.01 | | | | | | |
| 6 | | | .02 | | | .01 | | | | | | T |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | 0.25 | | | | |
| 9 | | | | | | | | 1.04 | | | | |
| 10 | | | | | | | .02 | .01 | | | | |
| 11 | | | | T | | | .03 | | | | | |
| 12 | | T | | | | | 2.11 | | | | | |
| 13 | | 0.09 | | | | | .15 | | | | | |
| 14 | | .95 | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | 0.10 | | | | | | | |
| 17 | | .11 | | | | | T | T | | | | |
| 18 | | | | | | | T | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | 0.01 | | | | | | | | |
| 21 | 0.01 | .80 | | | | | | | | | | |
| 22 | | | | .05 | .08 | | | | | | | |
| 23 | | | .13 | .05 | 1.31 | | | | | | | |
| 24 | | | .02 | | .03 | | T | T | | | | |
| 25 | | | .01 | 2.23 | | | | T | | T | | |
| 26 | | | .08 | 6.97 | | | 1.05 | T | | T | | |
| 27 | | | .01 | .81 | | | .07 | .07 | | | T | |
| 28 | | | | .01 | | | | .02 | | | T | |
| 29 | | | | .01 | | | | T | | | | |
| 30 | | | | .32 | | | T | T | | | | |
| 31 | | | T | .11 | | .06 | | | | | | |
| Total | .01 | 1.95 | 1.04 | 10.57 | 1.52 | .08 | 3.62 | 1.39 | 0 | T | T | T |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1956-57

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | 0.08 | | | | | | |
| 2 | | | | | | .01 | | | | 0.02 | | |
| 3 | | | | | | | | | | | | |
| 4 | 0.27 | | T | 0.25 | | | | | | | | |
| 5 | | | 0.95 | 1.05 | | | | | | | | |
| 6 | | | .10 | | | | | | | | | |
| 7 | | | | .38 | T | | | 0.03 | | | | |
| 8 | | | | .02 | 0.03 | | | | T | | | |
| 9 | | | | .25 | T | .89 | | | 0.19 | | | |
| 10 | | | | .65 | T | .01 | | .65 | .19 | | | |
| 11 | | | | | T | | | .48 | | | | |
| 12 | | | | 1.90 | | T | | | | | | |
| 13 | | | | 1.80 | | | | | | | | |
| 14 | | | | | | | | .04 | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | T | .64 | | | | | | |
| 17 | | | | | T | T | 0.75 | | | | | |
| 18 | | | | | .01 | | .15 | .59 | | | | |
| 19 | | | | | T | .01 | | .87 | | | | |
| 20 | | | | .36 | T | | .85 | .11 | | | | |
| 21 | | | | .01 | | T | .14 | .02 | | | | |
| 22 | | | | | .01 | | | T | | | | |
| 23 | | | | .10 | 1.77 | | .01 | .03 | | | | |
| 24 | | | | .28 | | | | T | | | | |
| 25 | | | | .30 | | | | | | | | |
| 26 | | | | .64 | | | | | | | | |
| 27 | | | | .46 | | | | | | | | |
| 28 | .06 | | | .08 | .99 | | | | | | | |
| 29 | | | | .33 | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| Total | .33 | 0 | 1.05 | 8.86 | 2.81 | 1.64 | 1.90 | 2.82 | .38 | .02 | 0 | 0 |

DAILY RAINFALL
Tanbark Flat
Hydrologic year 1957-58

| Day | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | T | 4.37 | T | | | | |
| 2 | | 1.26 | | | 0.31 | | .19 | T | | | | |
| 3 | | .21 | | | 2.47 | | 3.39 | | | | | |
| 4 | | .08 | 0.65 | | 3.24 | | .10 | | | | | |
| 5 | | .08 | 1.33 | | .03 | | | | | | | |
| 6 | | | | | | 1.26 | .98 | | | | | |
| 7 | | | | | | .16 | 1.29 | | | | | |
| 8 | | | | | .02 | | | T | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | 0.04 | | .42 | | | | | | |
| 11 | 1.58 | | | | | .22 | | 0.11 | | | | |
| 12 | | | | | .04 | .28 | | .01 | | | | |
| 13 | .37 | | | | | .04 | | | | | 0.02 | |
| 14 | .34 | | | | | .01 | | | | | | |
| 15 | | | 3.61 | | | 1.64 | | | | | .49 | |
| 16 | | .02 | 2.19 | | | 1.33 | | | 0.02 | | | |
| 17 | | | .80 | | | .19 | | | | | | |
| 18 | | | | | T | | | | | | | |
| 19 | .01 | | | | 2.21 | | | | | | | |
| 20 | 1.03 | | | | | .80 | | | | | | |
| 21 | .04 | | | | | .43 | | | | | | |
| 22 | | | | | | .48 | | | | | | |
| 23 | | | | | | | | | | | | 0.28 |
| 24 | | | | .10 | | | | | | | | |
| 25 | | | | 1.53 | 1.50 | | | | | | | |
| 26 | .10 | | | 2.14 | | | | | | | | |
| 27 | | | | T | | 1.08 | | | | | | |
| 28 | T | | | | .38 | | | | | | | |
| 29 | T | | | | | | | | | | | |
| 30 | .22 | | | .01 | | .05 | T | | | | | |
| 31 | .37 | | | | | .13 | | | | | | |
| Total | 4.06 | 1.65 | 8.58 | 3.82 | 10.20 | 8.52 | 10.32 | .12 | .02 | 0 | .51 | .28 |

SUMMARY OF MONTHLY RAINFALL
Tanbark Flat

| Year | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. | Jul. | Aug. | Sep. | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1933-34 | 0.56 | 0.84 | 12.77 | 5.08 | 3.93 | 0.10 | 0.22 | 0.05 | 0.63 | 0 | 0.10 | 0.23 | 24.51 |
| 1934-35 | 6.60 | 2.70 | 6.77 | 6.02 | 3.24 | 3.95 | 5.29 | .09 | 0 | .03 | .11 | 0 | 34.80 |
| 1935-36 | .43 | .49 | 1.16 | .16 | 16.85 | 2.64 | 2.55 | 0 | 0 | T | 0 | T | 24.28 |
| 1936-37 | 3.02 | .17 | 14.51 | 5.48 | 10.37 | 8.87 | .64 | .82 | .06 | 0 | 0 | 0 | 43.94 |
| 1937-38 | 0 | .04 | 5.47 | 3.56 | 18.11 | 18.31 | 1.92 | .44 | .22 | T | T | .06 | 48.13 |
| 1938-39 | .38 | .05 | 9.04 | 4.00 | 2.26 | 4.29 | 1.04 | .18 | 0 | 0 | 0 | 5.68 | 26.92 |
| 1939-40 | .59 | .32 | 1.05 | 7.46 | 7.53 | 2.24 | 2.69 | .11 | 0 | T | 0 | T | 21.99 |
| 1940-41 | 2.53 | 1.87 | 8.69 | 3.19 | 13.64 | 11.96 | 6.05 | .17 | .10 | T | .03 | 0 | 48.23 |
| 1941-42 | 1.74 | .63 | 6.81 | .18 | 1.62 | 1.87 | 3.23 | T | 0 | .02 | .55 | 0 | 16.65 |
| 1942-43 | 1.84 | .67 | 1.45 | 23.43 | 7.10 | 7.83 | 2.71 | 0 | .20 | 0 | 0 | 0 | 45.23 |
| 1943-44 | 1.32 | .32 | 10.08 | 1.73 | 14.86 | 3.01 | 1.76 | .01 | .36 | 0 | 0 | .01 | 33.46 |
| 1944-45 | T | 11.01 | 1.71 | 1.19 | 7.16 | 7.07 | .59 | .07 | .04 | 0 | .72 | .09 | 29.65 |
| 1945-46 | 1.22 | .52 | 13.37 | .47 | 2.39 | 7.60 | .57 | .34 | 0 | .03 | 0 | .46 | 26.97 |
| 1946-47 | 3.42 | 12.17 | 5.88 | 1.48 | 1.56 | 1.97 | .31 | .39 | .06 | 0 | .05 | .27 | 27.56 |
| 1947-48 | 0 | .08 | 3.10 | .04 | 4.02 | 4.01 | 3.72 | .14 | .72 | 0 | 0 | 0 | 15.83 |
| 1948-49 | .54 | T | 3.96 | 4.67 | 3.52 | 2.37 | .09 | 1.79 | 0 | 0 | 0 | 0 | 16.94 |
| 1949-50 | .18 | 3.92 | 5.96 | 3.56 | 3.06 | 1.74 | 2.03 | .21 | .08 | T | 0 | .04 | 20.78 |
| 1950-51 | .28 | 1.57 | 0 | 3.83 | 1.25 | .88 | 3.49 | .14 | T | T | T | .03 | 11.47 |
| 1951-52 | 1.81 | 2.73 | 11.05 | 12.39 | .87 | 8.85 | 2.78 | 0 | .03 | .03 | .02 | .54 | 41.10 |
| 1952-53 | 0 | 4.50 | 4.44 | 1.62 | .88 | 1.89 | 1.80 | .19 | .08 | T | .07 | 0 | 15.47 |
| 1953-54 | .19 | 1.32 | .41 | 12.10 | 4.33 | 6.35 | .22 | T | T | T | T | T | 24.92 |
| 1954-55 | 0 | 3.08 | 1.97 | 7.15 | 2.24 | .98 | 2.94 | 1.50 | .05 | T | .03 | T | 19.94 |
| 1955-56 | .01 | 1.95 | 1.04 | 10.57 | 1.52 | .08 | 3.62 | 1.39 | 0 | T | T | T | 20.18 |
| 1956-57 | .33 | 0 | 1.05 | 8.86 | 2.81 | 1.64 | 1.90 | 2.82 | .38 | .02 | 0 | 0 | 19.81 |
| 1957-58 | 4.06 | 1.65 | 8.58 | 3.82 | 10.20 | 8.52 | 10.32 | .12 | .02 | 0 | .51 | .28 | 48.08 |
| 25-year mean | 1.24 | 2.10 | 5.61 | 5.28 | 5.81 | 4.76 | 2.50 | .44 | .12 | .01 | .09 | .31 | 28.27 |
| Cumulative mean | 1.24 | 3.34 | 8.95 | 14.23 | 20.04 | 24.80 | 27.30 | 27.74 | 27.86 | 27.87 | 27.96 | 28.27 | |

SECTION II

# MAXIMUM RAINFALL RATES

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1933-34

| Storm[1/] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 1 | 0.56 | | | | | | | | | | | 0.05 | 0.02 | 0.56 |
| 2 | .65 | | 0.55 | 0.55 | 0.46 | 0.35 | 0.26 | 0.20 | 0.12 | 0.11 | 0.08 | .05 | .03 | .65 |
| 4 | 5.20 | | 1.80 | 1.20 | 1.12 | 1.11 | .90 | .71 | .55 | .42 | .42 | .33 | .21 | 5.12 |
| 5 | .64 | | | | | | | .24 | | | | .05 | .03 | .64 |
| 7 | 11.25 | | | | | | | .80 | .66 | .52 | .52 | .41 | .35 | 8.34 |
| 8 | .45 | | 1.80 | 1.50 | 1.08 | .90 | .80 | .43 | .22 | .11 | .08 | .04 | .02 | .45 |
| 9 | .72 | | .36 | .36 | .28 | .27 | .24 | .15 | .14 | .09 | .09 | .06 | .03 | .72 |
| 10 | 3.14 | | 1.44 | .90 | .72 | .63 | .56 | .47 | .28 | .21 | .16 | .10 | .08 | 2.03 |
| 13 | .56 | | | .90 | | | .42 | .21 | .11 | | | .04 | .02 | .56 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1934-35

| Storm[1/] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 17 | 6.49 | 1.68 | 1.32 | 1.28 | 1.17 | 1.00 | 0.83 | 0.66 | 0.58 | 0.45 | 0.32 | 0.20 | 4.90 |
| 18 | 2.65 | .96 | .90 | .68 | .63 | .56 | .35 | .21 | .14 | .14 | .09 | .07 | 1.60 |
| 19 | .62 | .36 | .30 | .28 | .24 | .20 | .15 | .12 | .08 | .06 | .05 | .03 | .62 |
| 20 | 5.14 | 1.32 | 1.02 | .80 | .75 | .72 | .51 | .30 | .26 | .22 | .16 | .14 | 3.40 |
| 21 | 1.01 | .24 | .24 | .24 | .24 | .22 | .19 | .14 | .14 | .13 | .08 | .04 | 1.01 |
| 22 | 2.21 | 1.32 | .84 | .68 | .66 | .62 | .53 | .40 | .25 | .17 | .10 | .07 | 1.73 |
| 23 | 1.04 | .18 | .18 | .16 | .15 | .12 | .10 | .08 | .07 | .07 | .04 | .04 | .93 |
| 24 | 1.65 | .96 | .90 | .88 | .78 | .68 | .50 | .38 | .30 | .24 | .14 | .07 | 1.65 |
| 25 | 1.12 | .84 | .60 | .52 | .52 | .52 | .43 | .28 | .19 | .15 | .08 | .05 | 1.12 |
| 26 | 3.14 | .60 | .42 | .40 | .39 | .32 | .25 | .18 | .13 | .10 | .09 | .08 | 1.90 |
| 28 | 1.05 | 3.00 | 1.80 | 1.52 | 1.32 | 1.12 | .73 | .36 | .20 | .15 | .08 | .04 | 1.05 |
| 29 | .54 | .60 | .42 | .32 | .30 | .28 | .18 | .17 | .12 | .08 | .04 | .02 | .54 |
| 30 | 1.00 | .48 | .42 | .28 | .24 | .22 | .15 | .14 | .10 | .08 | .03 | .03 | .65 |
| 32 | .82 | .30 | .30 | .22 | .22 | .22 | .19 | .19 | .16 | .13 | .07 | .03 | .82 |
| 34 | 4.10 | 1.92 | 1.14 | .88 | .86 | .85 | .82 | .71 | .60 | .52 | .32 | .17 | 4.10 |
| 35 | 1.07 | .60 | .60 | .44 | .36 | .28 | .23 | .20 | .13 | .09 | .06 | .03 | .80 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1935-36

| Storm[1/] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 39 | 0.37 | | | | 0.14 | 0.14 | 0.14 | 0.09 | 0.05 | 0.05 | 0.04 | 0.03 | 0.02 | 0.37 |
| 41 | .92 | | | | | | | | | | | .08 | .04 | .92 |
| 42 | 4.40 | | 1.44 | 1.32 | 1.08 | .90 | .84 | .66 | .51 | .40 | .33 | .22 | .15 | 3.61 |
| 43 | 10.03 | | 2.76 | 1.80 | 1.44 | 1.35 | 1.08 | .95 | .83 | .49 | .38 | .25 | .16 | 3.83 |
| 44 | .69 | | | .60 | .32 | .30 | .28 | .19 | .12 | .09 | .09 | .04 | .02 | .57 |
| 45 | 1.77 | | 1.32 | .96 | .80 | .75 | .70 | .63 | .57 | .34 | .24 | .13 | .07 | 1.69 |
| 47 | .59 | | | | | | | | | | .10 | .05 | .02 | .59 |
| 48 | 1.78 | | .60 | .60 | .48 | .45 | .40 | .35 | .31 | .26 | .25 | .15 | .07 | 1.78 |
| 49 | 2.55 | | 1.20 | .98 | .88 | .84 | .84 | .68 | .50 | .31 | .22 | .14 | .10 | 2.51 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1936-37

| Storm[1/] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 50 | 1.30 | 1.08 | 0.60 | 0.44 | 0.39 | 0.36 | 0.27 | 0.14 | 0.11 | 0.08 | 0.05 | 0.04 | 0.91 | |
| 51 | 1.72 | .60 | .48 | .40 | .36 | .30 | .30 | .24 | .20 | .17 | .08 | .05 | 1.22 | |
| 53 | 4.07 | .60 | .42 | .40 | .39 | .36 | .33 | .27 | .23 | .20 | .14 | .13 | 3.14 | |
| 54 | 5.57 | 1.44 | 1.08 | .92 | .84 | .72 | .66 | .60 | .49 | .36 | .22 | .16 | 3.96 | |
| 55 | 4.64 | 1.80 | 1.26 | 1.04 | .99 | .90 | .71 | .58 | .54 | .52 | .34 | .19 | 4.64 | |
| 56 | 1.82 | .48 | .48 | .40 | .39 | .38 | .28 | .23 | .19 | .16 | .10 | .07 | 1.60 | |
| 57 | .68 | 1.68 | .90 | .64 | .51 | .38 | .25 | .13 | .10 | .07 | .05 | .03 | .68 | |
| 58 | 2.95 | 1.08 | .78 | .72 | .66 | .56 | .52 | .47 | .34 | .28 | .16 | .08 | 1.93 | |
| 59 | 4.60 | .84 | .84 | .72 | .69 | .64 | .45 | .38 | .32 | .29 | .27 | .17 | 3.99 | |
| 60 | 4.45 | .60 | .54 | .52 | .48 | .46 | .42 | .37 | .31 | .30 | .27 | .17 | 4.04 | |
| 61 | 1.28 | .48 | .30 | .24 | .24 | .22 | .21 | .17 | .14 | .10 | .07 | .05 | 1.28 | |
| 62 | 4.78 | 1.44 | 1.08 | .76 | .63 | .50 | .47 | .38 | .32 | .30 | .21 | .16 | 3.87 | |
| 63 | 1.43 | 2.52 | 1.38 | 1.00 | .78 | .54 | .38 | .28 | .24 | .17 | .09 | .06 | 1.37 | |
| 65 | 1.42 | .96 | .60 | .56 | .54 | .40 | .29 | .24 | .20 | .16 | .10 | .06 | 1.42 | |
| 66 | .54 | .36 | .24 | .20 | .18 | .18 | .16 | .13 | .11 | .08 | .04 | .02 | .54 | |
| 70 | .57 | .72 | .66 | .52 | .51 | .42 | .25 | .14 | .08 | .05 | .03 | .02 | .43 | |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1937-38

| Storm[1/] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 72 | 3.14 | 0.82 | 0.65 | 0.51 | 0.48 | 0.47 | 0.39 | 0.33 | 0.32 | 0.23 | 0.19 | 0.10 | | 2.34 |
| 73 | 1.53 | .92 | .63 | .57 | .57 | .48 | .41 | .35 | .34 | .33 | .12 | .06 | | 1.53 |
| 74 | .80 | .47 | .36 | .32 | .30 | .28 | .20 | .13 | .09 | .08 | .04 | .03 | | .80 |
| 75 | 2.62 | 3.40 | 3.28 | 2.89 | 2.61 | 2.15 | 1.20 | .80 | .50 | .34 | .21 | .11 | | 2.62 |
| 79 | 1.70 | .59 | .59 | .44 | .42 | .36 | .33 | .31 | .29 | .24 | .14 | .07 | | 1.70 |
| 80 | 3.74 | .60 | .60 | .56 | .54 | .46 | .34 | .31 | .31 | .28 | .23 | .14 | | 3.34 |
| 81 | 1.71 | .92 | .63 | .53 | .51 | .36 | .25 | .21 | .15 | .11 | .10 | .07 | | 1.67 |
| 82 | 2.47 | 1.08 | 1.08 | 1.08 | 1.08 | .96 | .73 | .54 | .37 | .27 | .15 | .09 | | 2.25 |
| 83 | .72 | .46 | .29 | .24 | .24 | .19 | .17 | .14 | .14 | .10 | .06 | .03 | | .72 |
| 84 | 8.27 | 2.73 | 1.90 | 1.70 | 1.38 | 1.29 | 1.20 | .95 | .76 | .56 | .30 | .27 | | 6.56 |
| 85 | 12.93 | 2.04 | 1.92 | 1.70 | 1.65 | 1.36 | 1.17 | 1.11 | .95 | .87 | .83 | .50 | | 11.91 |
| 86 | .83 | .36 | .30 | .28 | .28 | .28 | .18 | .13 | .13 | .09 | .06 | .03 | | .83 |
| 87 | 4.01 | 1.45 | 1.30 | .80 | .75 | .64 | .45 | .29 | .29 | .25 | .21 | .12 | | 2.96 |
| 90 | 1.00 | .87 | .87 | .87 | .60 | .43 | .22 | .13 | .11 | .09 | .05 | .04 | | .96 |
| 91 | .91 | .68 | .63 | .46 | .30 | .23 | .12 | .09 | .06 | .04 | .04 | .02 | | .56 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1938-39

| Storm[1/] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 95 | 1.77 | 1.26 | 1.01 | 0.82 | 0.70 | 0.67 | 0.56 | 0.43 | 0.37 | 0.23 | 0.17 | 0.10 | 0.06 | 1.32 |
| 96 | 7.27 | 1.32 | 1.32 | .93 | .84 | .79 | .73 | .53 | .35 | .36 | .29 | .24 | .15 | 3.50 |
| 97 | 2.35 | 1.89 | 1.26 | 1.01 | .96 | .94 | .84 | .77 | .65 | .42 | .31 | .20 | .10 | 2.35 |
| 98 | .93 | .28 | .28 | .28 | .24 | .21 | .16 | .15 | .11 | .09 | .07 | .06 | .04 | .93 |
| 99 | .76 | .24 | .24 | .18 | .18 | .18 | .16 | .14 | .12 | .11 | .10 | .05 | .02 | .60 |
| 100 | 1.12 | | | | | | | | | | | | .05 | 1.12 |
| 101 | .93 | .55 | .55 | .55 | .51 | .49 | .45 | .32 | .27 | .20 | .14 | .08 | .04 | .93 |
| 102 | 1.57 | .81 | .64 | .64 | .56 | .52 | .48 | .44 | .35 | .30 | .24 | .13 | .07 | 1.57 |
| 104 | 2.38 | .66 | .66 | .66 | .61 | .59 | .55 | .45 | .32 | .19 | .14 | .11 | .06 | 1.47 |
| 105 | .85 | .35 | .35 | .34 | .32 | .31 | .28 | .22 | .14 | .12 | .10 | .07 | .04 | .85 |
| 108 | .30 | .18 | .17 | .14 | .11 | .10 | .10 | .09 | .06 | .03 | .02 | .02 | .01 | .25 |
| 110 | 5.25 | 3.60 | 2.19 | 1.17 | .97 | .75 | .72 | .48 | .34 | .26 | .23 | .21 | .18 | 4.23 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1939-40

| Storm[1/] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 112 | 0.45 | 0.56 | 0.45 | 0.37 | 0.31 | 0.26 | 0.19 | 0.10 | 0.06 | 0.04 | 0.03 | 0.02 | 0.02 | 0.37 |
| 114 | .92 | .90 | .80 | .60 | .52 | .52 | .52 | .40 | .32 | .19 | .14 | .08 | .04 | .92 |
| 115 | .54 | .26 | .26 | .18 | .15 | .14 | .13 | .11 | .10 | .08 | .07 | .04 | .02 | .50 |
| 116 | 5.61 | 3.00 | 2.40 | 1.74 | 1.48 | 1.17 | 1.00 | .57 | .52 | .49 | .46 | .36 | .19 | 4.52 |
| 117 | .87 | .62 | .53 | .50 | .50 | .48 | .48 | .44 | .29 | .20 | .14 | .07 | .04 | .87 |
| 118 | 3.59 | 2.43 | 1.58 | 1.16 | .94 | .82 | .69 | .58 | .41 | .23 | .20 | .11 | .08 | 1.95 |
| 121 | 2.51 | 1.18 | .82 | .76 | .71 | .65 | .61 | .58 | .52 | .39 | .33 | .20 | .10 | 2.51 |
| 122 | 1.19 | 3.00 | 1.92 | 1.32 | 1.04 | .96 | .71 | .37 | .24 | .20 | .15 | .09 | .05 | 1.19 |
| 124 | 2.07 | 1.20 | .84 | .84 | .74 | .62 | .45 | .29 | .26 | .17 | .14 | .09 | .08 | 1.99 |
| 126 | 2.21 | 1.17 | 1.17 | .94 | .76 | .68 | .63 | .53 | .44 | .30 | .22 | .12 | .06 | 1.42 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1940-41

| Storm[1/] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 128 | 2.47 | 1.25 | 1.00 | 0.79 | 0.68 | 0.58 | 0.51 | 0.39 | 0.30 | 0.25 | 0.18 | 0.17 | 0.09 | 2.06 |
| 129 | 1.87 | 1.16 | .92 | .81 | .66 | .55 | .40 | .32 | .24 | .18 | .14 | .11 | .06 | 1.35 |
| 131 | 2.92 | .58 | .58 | .50 | .49 | .44 | .38 | .33 | .27 | .25 | .21 | .15 | .11 | 2.54 |
| 133 | 1.94 | 1.88 | 1.50 | 1.38 | 1.34 | 1.16 | .86 | .52 | .31 | .24 | .20 | .16 | .08 | 1.94 |
| 134 | 2.22 | .93 | .75 | .62 | .53 | .50 | .50 | .42 | .36 | .31 | .29 | .17 | .09 | 2.22 |
| 139 | 1.53 | .58 | .58 | .46 | .39 | .35 | .31 | .24 | .22 | .19 | .17 | .12 | .06 | 1.50 |
| 142 | 1.54 | 1.20 | 1.20 | .90 | .80 | .72 | .62 | .48 | .42 | .31 | .22 | .13 | .06 | 1.54 |
| 143 | 2.46 | 1.23 | .74 | .43 | .37 | .34 | .29 | .20 | .17 | .16 | .13 | .07 | .05 | 1.09 |
| 144 | 6.56 | 3.60 | 3.36 | 2.22 | 1.48 | 1.20 | 1.06 | .79 | .53 | .35 | .29 | .19 | .16 | 3.73 |
| 145 | 3.76 | 1.15 | 1.15 | 1.04 | .85 | .75 | .65 | .56 | .45 | .37 | .32 | .17 | .13 | 3.12 |
| 146 | 3.26 | 1.14 | 1.14 | .97 | .69 | .54 | .46 | .40 | .30 | .26 | .20 | .15 | .13 | 3.02 |
| 147 | 3.96 | 2.39 | 2.15 | 1.49 | 1.23 | 1.01 | .70 | .45 | .30 | .24 | .19 | .17 | .12 | 2.87 |
| 148 | 1.83 | 1.17 | .93 | .88 | .78 | .73 | .62 | .45 | .30 | .20 | .15 | .15 | .08 | 1.83 |
| 149 | 2.15 | 1.17 | .70 | .59 | .47 | .41 | .35 | .32 | .28 | .20 | .14 | .10 | .07 | 1.57 |
| 150 | 1.71 | 1.17 | .93 | .76 | .70 | .64 | .58 | .54 | .47 | .31 | .25 | .14 | .07 | 1.71 |
| 152 | 1.72 | .85 | .68 | .62 | .60 | .57 | .53 | .46 | .31 | .21 | .14 | .08 | .04 | 1.08 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1941-42

| Storm[1/] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 159 | 0.91 | 0.60 | 0.48 | 0.36 | 0.28 | 0.24 | 0.16 | 0.10 | | | | 0.04 | 0.04 | 0.88 |
| 163 | .62 | .39 | .38 | .30 | .30 | .30 | .24 | .22 | 0.14 | 0.14 | 0.10 | .05 | .03 | .62 |
| 164 | 2.01 | .90 | .72 | .62 | .50 | .43 | .39 | .33 | .23 | .17 | .14 | .09 | .08 | 1.88 |
| 165 | .88 | 2.40 | 1.80 | 1.20 | 1.08 | .90 | .74 | .66 | .37 | .22 | .15 | .07 | .04 | .88 |
| 166 | .65 | | .24 | .24 | .24 | .21 | .20 | .16 | .11 | .10 | .08 | .04 | .03 | .65 |
| 167 | 2.72 | 1.20 | .72 | .54 | .48 | .42 | .36 | .34 | .23 | .16 | .15 | .13 | .08 | 1.82 |
| 169 | 1.56 | 1.23 | .98 | .80 | .70 | .68 | .68 | .41 | .23 | .14 | .13 | .10 | .06 | 1.56 |
| 171 | 1.09 | .48 | .48 | .24 | .24 | .24 | .18 | .14 | .14 | .12 | .10 | .08 | .04 | .94 |
| 172 | .94 | .42 | .36 | .31 | .27 | .24 | .18 | .15 | .11 | .10 | .08 | .05 | .03 | .82 |
| 177 | .55 | .66 | .42 | .33 | .33 | .32 | .30 | .26 | .16 | .08 | .07 | .04 | .02 | .55 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1942-43

| Storm[1/] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 178 | 0.91 | 1.20 | 1.08 | 0.72 | 0.60 | 0.48 | 0.36 | 0.28 | 0.26 | 0.21 | 0.15 | 0.08 | 0.04 | 0.90 |
| 179 | .93 | .90 | .60 | .42 | .32 | .30 | .24 | .24 | .19 | .12 | .12 | .08 | .04 | .93 |
| 180 | .67 | .13 | .13 | .13 | .13 | .13 | .13 | .12 | .10 | .09 | .07 | .06 | .03 | .67 |
| 181 | 1.45 | 1.80 | 1.20 | .84 | .69 | .63 | .51 | .28 | .18 | .13 | .13 | .09 | .04 | 1.05 |
| 182 | 20.90 | 1.19 | 1.19 | 1.07 | 1.03 | .95 | .95 | .95 | .88 | .82 | .79 | .62 | .44 | 10.50 |
| 183 | 1.51 | .60 | .60 | .42 | .40 | .40 | .32 | .19 | .14 | .13 | .12 | .09 | .05 | 1.23 |
| 184 | 1.02 | .90 | .76 | .43 | .33 | .26 | .19 | .13 | .09 | .08 | .07 | .05 | .04 | .92 |
| 185 | .65 | .60 | .42 | .30 | .25 | .22 | .20 | .18 | .16 | .12 | .08 | .05 | .03 | .65 |
| 186 | 6.45 | 2.40 | 1.52 | 1.14 | 1.00 | .85 | .74 | .62 | .59 | .44 | .34 | .27 | .16 | 3.94 |
| 187 | 6.94 | 2.40 | 1.31 | 1.25 | .92 | .75 | .60 | .41 | .29 | .28 | .20 | .16 | .15 | 3.68 |
| 188 | .66 | .66 | .36 | .25 | .20 | .18 | .16 | .13 | .11 | .09 | .08 | .05 | .03 | .66 |
| 190 | 1.54 | 1.20 | 1.02 | .64 | .49 | .41 | .33 | .29 | .20 | .12 | .11 | .10 | .06 | 1.53 |
| 191 | .78 | .93 | .76 | .50 | .47 | .39 | .28 | .18 | .13 | .09 | .07 | .04 | .03 | .75 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1943-44

| Storm[1/] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 196 | 0.29 | 0.42 | 0.29 | 0.19 | 0.15 | 0.13 | 0.11 | 0.08 | 0.05 | 0.05 | 0.05 | 0.02 | 0.01 | 0.29 |
| 198 | 5.09 | .93 | .76 | .69 | .67 | .61 | .51 | .38 | .29 | .27 | .26 | .20 | .17 | 4.04 |
| 199 | 3.51 | 1.26 | 1.26 | .94 | .81 | .72 | .62 | .50 | .41 | .29 | .21 | .11 | .06 | 1.39 |
| 200 | 1.16 | .40 | .40 | .36 | .32 | .31 | .27 | .21 | .13 | .08 | .05 | .03 | .02 | .53 |
| 202 | .85 | .96 | .96 | .70 | .54 | .44 | .35 | .29 | .18 | .13 | .12 | .07 | .04 | .85 |
| 205 | 1.24 | .63 | .42 | .41 | .38 | .36 | .34 | .31 | .27 | .27 | .19 | .10 | .05 | 1.24 |
| 206 | .91 | .84 | .62 | .46 | .43 | .40 | .35 | .29 | .21 | .14 | .12 | .08 | .04 | .91 |
| 207 | .47 | .93 | .60 | .40 | .30 | .25 | .17 | .09 | .07 | .05 | .04 | .02 | .02 | .47 |
| 209 | 11.02 | 1.44 | 1.08 | .96 | .88 | .84 | .74 | .66 | .59 | .54 | .49 | .39 | .26 | 6.36 |
| 210 | .72 | .60 | .40 | .30 | .24 | .21 | .19 | .14 | .11 | .07 | .05 | .03 | .02 | .42 |
| 211 | 2.38 | 1.26 | 1.13 | .88 | .70 | .63 | .56 | .37 | .32 | .16 | .13 | .09 | .07 | 1.65 |
| 213 | .73 | .33 | .32 | .29 | .21 | .18 | .14 | .12 | .08 | .07 | .05 | .04 | .02 | .60 |
| 215 | 1.49 | .69 | .64 | .59 | .50 | .46 | .41 | .32 | .26 | .22 | .17 | .09 | .05 | 1.31 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1944-45

| Storm[1/] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 219 | 1.28 | 1.02 | 0.76 | 0.55 | 0.49 | 0.41 | 0.32 | 0.30 | 0.26 | 0.18 | 0.14 | 0.08 | 0.05 | 1.24 |
| 220 | 8.34 | 4.56 | 2.62 | 1.96 | 1.46 | 1.20 | 1.06 | .97 | .63 | .43 | .34 | .30 | .22 | 5.37 |
| 221 | 1.39 | .36 | .34 | .30 | .30 | .28 | .22 | .19 | .13 | .11 | .09 | .06 | .05 | 1.26 |
| 223 | 1.37 | 1.20 | 1.20 | .92 | .80 | .68 | .60 | .50 | .34 | .21 | .14 | .07 | .04 | .86 |
| 224 | .64 | .32 | .29 | .23 | .22 | .22 | .20 | .16 | .13 | .08 | .06 | .05 | .03 | .64 |
| 225 | 6.18 | 2.19 | 1.60 | 1.09 | .84 | .74 | .64 | .53 | .40 | .37 | .34 | .23 | .15 | 3.67 |
| 226 | .53 | .66 | .53 | .42 | .32 | .26 | .18 | .12 | .08 | .05 | .04 | .03 | .01 | .33 |
| 227 | 2.58 | .90 | .72 | .48 | .48 | .46 | .43 | .32 | .18 | .10 | .07 | .04 | .03 | .81 |
| 228 | 2.46 | .90 | .72 | .53 | .45 | .40 | .39 | .36 | .35 | .31 | .30 | .18 | .10 | 2.39 |
| 229 | .51 | .14 | .14 | .14 | .13 | .13 | .12 | .11 | .08 | .07 | .06 | .04 | .02 | .51 |
| 230 | .86 | .78 | .76 | .66 | .64 | .63 | .53 | .30 | .18 | .12 | .08 | .07 | .04 | .86 |
| 231 | .72 | .24 | .24 | .19 | .17 | .16 | .16 | .13 | .09 | .08 | .07 | .06 | .03 | .72 |
| 232 | .80 | .63 | .50 | .46 | .42 | .32 | .22 | .17 | .14 | .09 | .07 | .04 | .03 | .80 |
| 233 | .50 | .63 | .59 | .53 | .46 | .42 | .37 | .28 | .20 | .11 | .08 | .04 | .02 | .50 |
| 235 | .57 | .21 | .20 | .14 | .14 | .13 | .13 | .11 | .08 | .05 | .04 | .03 | .02 | .55 |

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1945-46

| Storm 1/ | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 236 | .60 | 3.90 | 1.68 | 0.96 | 0.76 | 0.72 | 0.58 | 0.36 | 0.23 | 0.13 | 0.09 | 0.05 | 0.02 | 0.60 |
| 238 | .51 | .18 | .18 | .18 | .12 | .09 | .08 | .05 | .04 | .03 | .03 | .02 | .02 | .36 |
| 239 | .49 | .30 | .24 | .24 | .24 | .18 | .12 | .09 | .07 | .05 | .04 | .04 | .02 | .48 |
| 241 | 13.00 | 2.70 | 2.64 | 2.34 | 2.04 | 1.86 | 1.50 | 1.13 | .85 | .62 | .47 | .42 | .32 | 7.75 |
| 243 | 2.15 | 2.40 | 2.28 | 1.26 | 1.16 | .90 | .74 | .66 | .53 | .44 | .33 | .18 | .09 | 2.15 |
| 245 | .65 | .96 | .96 | .54 | .36 | .27 | .24 | .21 | .19 | .14 | .10 | .05 | .03 | .65 |
| 246 | 1.01 | .36 | .36 | .24 | .24 | .24 | .18 | .12 | .10 | .08 | .07 | .04 | .03 | .67 |
| 247 | 6.45 | 2.70 | 1.56 | 1.20 | .88 | .69 | .64 | .51 | .42 | .42 | .42 | .34 | .20 | 4.90 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1946-47

| Storm[1/] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 251 | 1.62 | 1.80 | 0.84 | 0.60 | 0.44 | 0.39 | 0.38 | 0.32 | 0.26 | 0.22 | 0.20 | 0.12 | 0.07 | 1.62 |
| 252 | .62 | 1.02 | .96 | .60 | .56 | .56 | .56 | .37 | .22 | .15 | .10 | .05 | .03 | .62 |
| 254 | .98 | .75 | .72 | .42 | .32 | .27 | .20 | .13 | .10 | .10 | .08 | .05 | .04 | .85 |
| 255 | 5.98 | 1.20 | 1.08 | .84 | .60 | .60 | .44 | .38 | .32 | .27 | .25 | .17 | .12 | 2.97 |
| 256 | 4.40 | .90 | .84 | .72 | .72 | .60 | .58 | .52 | .48 | .46 | .42 | .33 | .18 | 4.40 |
| 257 | 1.74 | 1.80 | .96 | .60 | .60 | .54 | .46 | .40 | .28 | .21 | .18 | .13 | .07 | 1.74 |
| 258 | .48 | .72 | .72 | .60 | .44 | .33 | .30 | .16 | .08 | .05 | .05 | .04 | .02 | .48 |
| 259 | 5.40 | 2.10 | 1.60 | 1.14 | .96 | .93 | .76 | .39 | .25 | .21 | .18 | .13 | .10 | 2.45 |
| 260 | 1.47 | 1.80 | .84 | .48 | .44 | .42 | .42 | .42 | .38 | .28 | .22 | .12 | .06 | 1.47 |
| 261 | .48 | .57 | .48 | .45 | .45 | .45 | .28 | .21 | .18 | .11 | .08 | .04 | .02 | .48 |
| 262 | 1.07 | 2.70 | 1.56 | .90 | .80 | .80 | .72 | .60 | .44 | .25 | .17 | .09 | .04 | 1.05 |
| 264 | .70 | .75 | .72 | .72 | .69 | .69 | .66 | .38 | .20 | .10 | .06 | .04 | .03 | .60 |
| 265 | .73 | .30 | .24 | .18 | .16 | .15 | .12 | .11 | .10 | .06 | .04 | .03 | .03 | .73 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1947-48

| Storm 1/ | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 272 | 2.90 | 1.50 | 1.32 | 1.14 | 0.96 | 0.84 | 0.62 | 0.39 | 0.23 | 0.20 | 0.18 | 0.10 | 0.10 | 2.41 |
| 274 | 3.62 | 1.80 | 1.20 | .90 | .76 | .66 | .52 | .49 | .37 | .26 | .22 | .16 | .13 | 3.06 |
| 276 | 1.98 | 2.10 | .84 | .54 | .52 | .48 | .40 | .39 | .26 | .22 | .15 | .11 | .07 | 1.65 |
| 277 | .67 | 1.50 | .60 | .30 | .30 | .30 | .20 | .14 | .13 | .12 | .08 | .04 | .03 | .67 |
| 279 | .98 | 2.70 | 1.44 | .90 | .88 | .72 | .60 | .44 | .32 | .22 | .16 | .08 | .04 | .98 |
| 280 | 1.57 | 1.80 | 1.08 | .72 | .52 | .42 | .36 | .33 | .25 | .23 | .17 | .10 | .06 | 1.47 |
| 283 | 1.65 | 3.00 | 1.92 | 1.50 | 1.24 | .99 | .76 | .49 | .36 | .30 | .27 | .14 | .07 | 1.65 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1948-49

| Storm[1/] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour Amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 287 | 0.54 | 0.78 | 0.78 | 0.78 | 0.64 | 0.56 | 0.56 | 0.43 | 0.26 | 0.13 | 0.09 | 0.05 | 0.02 | 0.54 |
| 288 | 1.78 | .96 | .96 | .56 | .48 | .48 | .48 | .30 | .22 | .16 | .14 | .09 | .07 | 1.78 |
| 290 | 1.24 | .90 | .72 | .66 | .52 | .42 | .30 | .22 | .17 | .13 | .12 | .10 | .05 | 1.24 |
| 291 | 1.40 | 1.50 | .60 | .30 | .24 | .18 | .15 | .15 | .09 | .05 | .04 | .04 | .02 | .55 |
| 292 | 2.28 | .75 | .72 | .42 | .32 | .30 | .26 | .19 | .16 | .13 | .13 | .13 | .09 | 2.24 |
| 293 | .99 | .68 | .68 | .66 | .52 | .42 | .30 | .16 | .13 | .11 | .10 | .07 | .04 | .92 |
| 296 | .65 | .90 | .30 | .30 | .24 | .22 | .22 | .19 | .15 | .12 | .11 | .05 | .03 | .65 |
| 297 | .93 | .90 | .72 | .36 | .36 | .27 | .18 | .18 | .14 | .09 | .07 | .07 | .04 | .93 |
| 298 | 1.19 | .60 | .60 | .48 | .40 | .33 | .30 | .22 | .21 | .19 | .14 | .08 | .05 | 1.11 |
| 299 | .71 | .48 | .48 | .48 | .36 | .30 | .22 | .20 | .14 | .14 | .12 | .06 | .03 | .71 |
| 301 | .66 | .40 | .36 | .36 | .28 | .24 | .18 | .16 | .14 | .10 | .10 | .06 | .03 | .66 |
| 305 | 1.79 | .36 | .36 | .24 | .20 | .18 | .14 | .08 | .06 | .04 | .04 | .04 | .02 | .53 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1949-50

| Storm[1/] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 307 | 3.87 | 2.70 | 1.20 | 0.84 | 0.76 | 0.72 | 0.66 | 0.51 | 0.50 | 0.37 | 0.33 | 0.25 | 0.16 | 3.87 |
| 308 | .54 | .30 | .18 | .16 | .16 | .16 | .16 | .14 | .12 | .12 | .08 | .04 | .02 | .43 |
| 309 | 5.42 | 1.14 | 1.14 | 1.14 | .84 | .72 | .60 | .54 | .49 | .39 | .34 | .26 | .20 | 4.68 |
| 311 | 1.56 | .60 | .60 | .60 | .60 | .60 | .60 | .55 | .43 | .32 | .23 | .13 | .06 | 1.56 |
| 312 | 1.11 | .60 | .36 | .30 | .28 | .26 | .26 | .25 | .20 | .18 | .14 | .07 | .04 | .89 |
| 314 | .64 | .12 | .12 | .12 | .12 | .12 | .10 | .08 | .06 | .06 | .06 | .04 | .03 | .64 |
| 315 | 2.56 | 3.00 | 1.80 | 1.20 | 1.08 | .99 | .78 | .63 | .46 | .34 | .27 | .17 | .10 | 2.29 |
| 316 | .50 | .15 | .15 | .15 | .15 | .15 | .14 | .09 | .07 | .07 | .05 | .04 | .02 | .50 |
| 317 | 1.74 | .60 | .60 | .60 | .56 | .54 | .54 | .49 | .36 | .30 | .27 | .15 | .07 | 1.74 |
| 318 | 1.87 | 1.50 | 1.44 | 1.02 | .68 | .54 | .42 | .35 | .26 | .22 | .17 | .13 | .07 | 1.78 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1950-51

| Storm[1/] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 322 | 1.25 | 0.96 | 0.96 | 0.96 | 0.84 | 0.69 | 0.60 | 0.53 | 0.39 | 0.24 | 0.18 | 0.10 | 0.05 | 1.18 |
| 325 | 1.20 | 5.40 | 3.60 | 1.98 | 1.88 | 1.56 | 1.28 | .80 | .52 | .28 | .20 | .10 | .05 | 1.20 |
| 327 | .64 | .30 | .24 | .24 | .20 | .18 | .18 | .13 | .09 | .09 | .08 | .05 | .03 | .64 |
| 328 | 1.46 | .45 | .42 | .42 | .40 | .36 | .36 | .36 | .31 | .24 | .19 | .10 | .05 | 1.31 |
| 331 | .84 | 1.20 | .60 | .51 | .36 | .36 | .34 | .28 | .20 | .13 | .12 | .07 | .04 | .84 |
| 332 | .84 | .48 | .48 | .36 | .28 | .28 | .28 | .20 | .11 | .09 | .06 | .06 | .04 | .84 |
| 333 | .86 | .60 | .36 | .36 | .36 | .27 | .26 | .25 | .17 | .10 | .07 | .04 | .03 | .71 |
| 334 | 1.00 | .68 | .68 | .60 | .52 | .48 | .34 | .30 | .26 | .22 | .16 | .08 | .04 | 1.00 |
| 335 | 1.58 | 1.02 | .84 | .72 | .72 | .60 | .58 | .56 | .44 | .33 | .23 | .12 | .06 | 1.51 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1951-52

| Storm[1/] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 337 | 1.80 | 1.80 | 0.96 | 0.78 | 0.64 | 0.57 | 0.50 | 0.42 | 0.36 | 0.30 | 0.26 | 0.13 | 0.08 | 1.80 |
| 338 | 2.73 | 2.10 | 1.08 | .90 | .68 | .60 | .50 | .40 | .35 | .29 | .23 | .12 | .10 | 2.51 |
| 340 | 2.22 | 1.50 | 1.50 | 1.50 | 1.08 | 1.05 | .80 | .63 | .62 | .41 | .33 | .19 | .09 | 2.22 |
| 341 | 1.82 | 1.50 | 1.20 | .90 | .72 | .57 | .40 | .28 | .22 | .18 | .17 | .12 | .08 | 1.82 |
| 342 | .58 | .60 | .36 | .36 | .36 | .36 | .30 | .20 | .14 | .10 | .09 | .05 | .02 | .58 |
| 343 | 5.92 | 1.20 | .96 | .60 | .56 | .51 | .50 | .43 | .40 | .34 | .30 | .20 | .17 | 4.01 |
| 344 | .56 | .30 | .24 | .24 | .20 | .18 | .18 | .17 | .16 | .12 | .09 | .04 | .02 | .54 |
| 345 | 3.43 | 1.50 | 1.20 | .90 | .80 | .75 | .60 | .56 | .44 | .40 | .34 | .24 | .14 | 3.43 |
| 346 | 7.54 | 1.50 | 1.20 | 1.20 | .92 | .84 | .70 | .62 | .56 | .43 | .40 | .30 | .19 | 4.61 |
| 347 | .86 | .30 | .24 | .18 | .16 | .15 | .14 | .12 | .12 | .08 | .08 | .06 | .04 | .86 |
| 348 | 1.56 | 1.50 | 1.44 | .78 | .52 | .45 | .32 | .25 | .18 | .17 | .12 | .08 | .06 | 1.44 |
| 349 | 3.22 | .60 | .60 | .60 | .40 | .39 | .34 | .30 | .26 | .25 | .22 | .20 | .13 | 3.16 |
| 350 | 1.02 | 1.20 | .60 | .36 | .28 | .24 | .20 | .19 | .17 | .13 | .13 | .08 | .04 | 1.02 |
| 352 | 3.29 | 1.80 | .84 | .48 | .48 | .48 | .48 | .36 | .26 | .24 | .21 | .13 | .12 | 2.81 |
| 353 | .98 | .90 | .84 | .60 | .48 | .39 | .36 | .30 | .20 | .14 | .14 | .08 | .04 | .98 |
| 356 | 1.16 | .60 | .48 | .42 | .42 | .30 | .26 | .23 | .18 | .13 | .09 | .06 | .03 | .74 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES

Tanbark Flat

Hydrologic year 1952-53

| Storm 1/ | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 358 | 0.65 | 0.36 | 0.36 | 0.36 | 0.32 | 0.30 | 0.28 | 0.27 | 0.18 | 0.14 | 0.10 | 0.05 | 0.03 | 0.65 |
| 359 | 2.84 | 1.20 | .96 | .78 | .72 | .66 | .62 | .49 | .40 | .27 | .19 | .11 | .08 | 1.90 |
| 361 | .72 | .45 | .45 | .45 | .45 | .45 | .42 | .37 | .32 | .18 | .12 | .06 | .03 | .72 |
| 362 | 1.71 | 6.30 | 2.76 | 1.80 | 1.28 | 1.14 | .96 | .67 | .52 | .35 | .27 | .14 | .07 | 1.71 |
| 364 | 1.16 | 1.80 | .84 | .48 | .44 | .39 | .36 | .26 | .24 | .18 | .15 | .08 | .05 | 1.16 |
| 365 | .66 | 1.20 | .84 | .60 | .60 | .36 | .30 | .24 | .17 | .13 | .10 | .06 | .03 | .66 |
| 366 | .79 | .90 | .72 | .66 | .64 | .63 | .48 | .37 | .27 | .16 | .11 | .06 | .03 | .79 |
| 367 | 1.17 | | .36 | .36 | .36 | .33 | .28 | .18 | .16 | .13 | .11 | .08 | .05 | 1.16 |
| 369 | .64 | .30 | .24 | .24 | .24 | .21 | .16 | .14 | .12 | .10 | .08 | .05 | .03 | .64 |
| 370 | .67 | .30 | .24 | .24 | .24 | .24 | .22 | .17 | .12 | .07 | .06 | .03 | .03 | .67 |
| 371 | 1.36 | .90 | .60 | .36 | .32 | .32 | .32 | .25 | .24 | .20 | .20 | .11 | .06 | 1.36 |
| 372 | .76 | .36 | .36 | .24 | .20 | .18 | .16 | .15 | .12 | .08 | .06 | .03 | .03 | .71 |
| 373 | .93 | .60 | .48 | .36 | .32 | .30 | .30 | .23 | .14 | .08 | .07 | .07 | .04 | .93 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1953-54

| Storm[1/] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 377 | 1.05 | 1.20 | 0.60 | 0.54 | 0.54 | 0.51 | 0.44 | 0.43 | 0.34 | 0.23 | 0.16 | 0.09 | 0.04 | 1.05 |
| 379 | .78 | .72 | .72 | .48 | .44 | .42 | .38 | .32 | .22 | .15 | .11 | .06 | .03 | .74 |
| 380 | 6.56 | 1.50 | 1.20 | 1.20 | .96 | .87 | .74 | .57 | .54 | .52 | .50 | .32 | .24 | 5.69 |
| 381 | 4.76 | 2.10 | 1.80 | 1.20 | .96 | .84 | .62 | .50 | .38 | .37 | .29 | .25 | .19 | 4.51 |
| 382 | 4.24 | 2.40 | 1.20 | 1.20 | 1.08 | 1.02 | 1.00 | .67 | .50 | .50 | .42 | .29 | .15 | 3.66 |
| 383 | 1.30 | | 1.32 | .96 | .76 | .66 | .54 | .45 | .36 | .26 | .20 | .10 | .05 | 1.30 |
| 384 | 3.65 | 1.50 | 1.32 | .78 | .60 | .51 | .36 | .18 | .14 | .12 | .11 | .10 | .06 | 1.50 |
| 385 | 1.40 | .60 | .36 | .36 | .32 | .30 | .26 | .22 | .19 | .19 | .16 | .12 | .06 | 1.40 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1954-55

| Storm 1/ | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 387 | 2.68 | 2.40 | 2.28 | 1.98 | 1.40 | 1.20 | 0.96 | 0.67 | 0.48 | 0.38 | 0.32 | 0.20 | 0.11 | 2.64 |
| 390 | 1.35 | .60 | .48 | .48 | .48 | .48 | .46 | .35 | .32 | .24 | .18 | .10 | .06 | 1.32 |
| 391 | .62 | .36 | .36 | .36 | .36 | .33 | .32 | .22 | .14 | .12 | .08 | .05 | .03 | .62 |
| 392 | 1.14 | .90 | .48 | .48 | .44 | .42 | .36 | .30 | .22 | .16 | .14 | .09 | .05 | 1.14 |
| 393 | .60 | .30 | .24 | .18 | .18 | .18 | .18 | .16 | .11 | .10 | .08 | .05 | .02 | .60 |
| 394 | 1.91 | .72 | .72 | .66 | .52 | .45 | .44 | .42 | .32 | .28 | .22 | .11 | .08 | 1.91 |
| 395 | 1.27 | .96 | .96 | .60 | .40 | .30 | .20 | .19 | .18 | .14 | .14 | .09 | .05 | 1.27 |
| 396 | 1.95 | 1.20 | 1.20 | 1.08 | .96 | .75 | .60 | .35 | .34 | .27 | .23 | .15 | .08 | 1.95 |
| 398 | .74 | .60 | .36 | .30 | .28 | .27 | .20 | .12 | .10 | .07 | .05 | .03 | .02 | .54 |
| 399 | 1.50 | .72 | .72 | .42 | .40 | .33 | .28 | .23 | .20 | .16 | .15 | .10 | .05 | 1.28 |
| 400 | .98 | 2.40 | 1.08 | .60 | .56 | .54 | .42 | .31 | .18 | .12 | .11 | .08 | .04 | .98 |
| 401 | .61 | .30 | .24 | .24 | .20 | .18 | .14 | .13 | .10 | .09 | .08 | .05 | .03 | .61 |
| 403 | 2.74 | 1.50 | 1.32 | .84 | .64 | .57 | .52 | .39 | .28 | .28 | .28 | .18 | .10 | 2.46 |
| 404 | .72 | 2.10 | 1.44 | .84 | .60 | .45 | .30 | .17 | .11 | .08 | .07 | .04 | .03 | .69 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1955-56

| Storm[1/] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 406 | 1.04 | 0.31 | 0.31 | 0.31 | 0.31 | 0.31 | 0.31 | 0.26 | 0.21 | 0.19 | 0.16 | 0.08 | 0.04 | 1.04 |
| 408 | .80 | 2.40 | 1.97 | 1.12 | .80 | .60 | .46 | .28 | .20 | .14 | .12 | .07 | .03 | .80 |
| 413 | 10.01 | 1.50 | 1.20 | .89 | .81 | .81 | .79 | .68 | .62 | .60 | .57 | .45 | .29 | 7.06 |
| 416 | 1.42 | .62 | .62 | .51 | .46 | .41 | .36 | .29 | .22 | .15 | .13 | .09 | .06 | 1.38 |
| 418 | 2.31 | .29 | .29 | .29 | .29 | .27 | .24 | .22 | .19 | .18 | .17 | .14 | .09 | 2.05 |
| 419 | 1.12 | .62 | .42 | .42 | .42 | .42 | .42 | .28 | .22 | .15 | .12 | .08 | .04 | 1.05 |
| 420 | 1.30 | 1.64 | 1.25 | .70 | .57 | .43 | .28 | .25 | .12 | .10 | .08 | .08 | .05 | 1.28 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1956-57

| Storm[1] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 422 | 1.05 | 0.48 | 0.48 | 0.32 | 0.28 | 0.25 | 0.22 | 0.18 | 0.18 | 0.14 | 0.11 | 0.07 | 0.04 | 1.04 |
| 423 | 1.30 | 1.50 | .80 | .56 | .44 | .36 | .28 | .25 | .19 | .14 | .12 | .09 | .05 | 1.30 |
| 425 | .90 | .60 | .60 | .53 | .47 | .44 | .41 | .35 | .24 | .18 | .13 | .07 | .04 | .90 |
| 426 | 3.70 | 1.80 | 1.44 | .98 | .81 | .66 | .56 | .56 | .43 | .42 | .36 | .28 | .15 | 3.70 |
| 428 | 2.19 | .48 | .48 | .48 | .39 | .34 | .30 | .17 | .14 | .13 | .11 | .08 | .04 | .91 |
| 429 | 1.78 | 2.40 | 1.32 | .96 | .84 | .70 | .54 | .36 | .30 | .29 | .25 | .14 | .07 | 1.78 |
| 430 | 1.08 | 2.14 | 2.14 | 1.60 | 1.17 | .90 | .62 | .39 | .22 | .13 | .09 | .08 | .04 | 1.06 |
| 431 | .90 | 2.25 | 1.92 | 1.26 | 1.01 | .82 | .62 | .34 | .30 | .18 | .13 | .07 | .04 | .90 |
| 432 | .64 | .90 | .78 | .54 | .46 | .42 | .35 | .27 | .21 | .13 | .09 | .05 | .03 | .64 |
| 433 | .90 | .34 | .34 | .29 | .27 | .26 | .26 | .23 | .20 | .14 | .10 | .06 | .04 | .90 |
| 434 | .99 | .32 | .32 | .32 | .32 | .30 | .28 | .25 | .24 | .14 | .09 | .05 | .03 | .82 |
| 435 | 1.13 | 1.02 | .80 | .62 | .54 | .48 | .40 | .28 | .19 | .15 | .10 | .05 | .04 | 1.06 |
| 436 | 1.46 | 1.00 | .74 | .56 | .43 | .37 | .33 | .29 | .25 | .19 | .19 | .12 | .06 | 1.46 |

1/ See "Storm Data" tables for dates.

MAXIMUM RAINFALL RATES
Tanbark Flat
Hydrologic year 1957-58

| Storm[1/] | | Rate in inches per hour for time interval of-- | | | | | | | | | | | | Maximum 24-hour amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Minutes | | | | | | | | | Hours | | | |
| Number | Amount | 2 | 5 | 10 | 15 | 20 | 30 | 60 | 120 | 240 | 6 | 12 | 24 | |
| | Inches | | | | | | | | | | | | | Inches |
| 439 | 1.58 | 3.00 | 1.37 | 0.84 | 0.61 | 0.50 | 0.40 | 0.38 | 0.32 | 0.16 | 0.15 | 0.11 | 0.07 | 1.58 |
| 440 | .71 | 1.80 | 1.08 | .71 | .56 | .46 | .34 | .21 | .17 | .09 | .06 | .05 | .03 | .71 |
| 441 | 1.08 | 4.50 | 3.76 | 2.20 | 1.61 | 1.74 | 1.40 | .82 | .42 | .23 | .15 | .08 | .04 | 1.03 |
| 443 | .59 | .60 | .60 | .54 | .44 | .38 | .34 | .28 | .16 | .09 | .07 | .05 | .02 | .59 |
| 444 | 1.63 | 2.10 | 1.20 | 1.01 | .80 | .67 | .45 | .36 | .24 | .20 | .14 | .09 | .05 | 1.29 |
| 445 | 1.98 | 3.90 | 2.14 | 1.31 | 1.02 | .98 | .82 | .61 | .46 | .36 | .26 | .14 | .08 | 1.98 |
| 446 | 6.60 | 1.83 | 1.21 | 1.07 | 1.03 | 1.00 | .92 | .63 | .38 | .24 | .24 | .24 | .18 | 4.20 |
| 447 | 3.77 | 1.32 | .84 | .87 | .68 | .53 | .41 | .36 | .36 | .34 | .32 | .28 | .15 | 3.63 |
| 448 | 6.05 | 2.43 | 1.58 | 1.24 | 1.06 | 1.01 | .75 | .38 | .32 | .25 | .25 | .21 | .16 | 3.88 |
| 449 | 2.21 | 2.01 | 1.54 | 1.18 | .91 | .75 | .58 | .41 | .31 | .26 | .24 | .18 | .09 | 2.21 |
| 450 | 1.50 | 1.08 | .66 | .55 | .45 | .42 | .40 | .38 | .34 | .29 | .24 | .12 | .06 | 1.50 |
| 452 | 1.42 | 2.01 | 1.27 | .73 | .60 | .46 | .36 | .24 | .20 | .15 | .11 | .09 | .06 | 1.40 |
| 453 | .97 | .73 | .73 | .69 | .69 | .55 | .39 | .24 | .17 | .15 | .10 | .05 | .03 | .64 |
| 454 | 3.16 | 1.50 | .72 | .72 | .63 | .58 | .54 | .41 | .36 | .27 | .20 | .18 | .12 | 2.82 |
| 455 | .81 | 1.00 | .66 | .41 | .33 | .28 | .24 | .16 | .14 | .11 | .10 | .07 | .03 | .81 |
| 456 | .90 | 2.10 | .91 | .78 | .57 | .46 | .38 | .34 | .28 | .19 | .15 | .08 | .04 | .90 |
| 457 | 1.08 | 1.05 | .72 | .54 | .52 | .51 | .46 | .34 | .20 | .17 | .17 | .09 | .04 | 1.08 |
| 458 | 4.51 | 7.20 | 2.93 | 1.51 | 1.05 | .82 | .69 | .58 | .40 | .39 | .37 | .30 | .18 | 4.37 |
| 459 | 3.67 | 1.50 | 1.10 | .96 | .92 | .75 | .72 | .66 | .58 | .53 | .44 | .29 | .15 | 3.53 |
| 460 | 2.27 | 1.95 | 1.32 | .96 | .72 | .54 | .40 | .34 | .22 | .20 | .15 | .09 | .09 | 2.09 |

1/ See "Storm Data" tables for dates.

# SECTION III

## STORM DATA BY HYDROLOGIC YEARS

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1933-34

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Storm | | Actual raining | | Breaks | Days since | | Max. hrly | Wind speed | | Avg. storm | Range in precipitation | | |
| Storm number | Storm start Date | Time | Storm stop Date | Time | duration Hr. | Min. | time Hr. | Min. | in storm | last rain | Storm total | rain rate | Storm: avg. | Max. hourly | temp. °F. | 1500 ft IF-50 | 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1933 | | | | | | | | | | | | | | | | | Rain unless otherwise noted |
| 1 | 10/30 | 1900 | 10/31 | 0500 | 10 | 0 | 10 | 0 | 0 | | 0.56 | | No | | 51.5 | 0.75 | | |
| 2 | 11/28 | 0100 | 11/28 | 1400 | 13 | 0 | 9 | 0 | 1 | 28 | .65 | 0.20 | record | | 43.5 | .57 | | |
| 3 | 11/29 | 1930 | 11/30 | 0330 | 8 | 0 | 8 | 0 | 0 | 1 | .19 | .05 | | | 35.0 | .14 | | |
| 3A | 12/3 | 1500 | 12/3 | 1700 | 2 | 0 | 2 | 0 | 0 | 3 | .02 | | | | | .02 | | |
| 4 | 12/12 | 1400 | 12/13 | 1500 | 25 | 0 | 25 | 0 | 0 | 9 | 5.20 | .71 | | | 50.0 | 4.93 | | |
| 5 | 12/14 | 1645 | 12/15 | 0300 | 10 | 15 | 4 | 0 | 1 | 1 | .64 | .24 | | | 40.0 | .24 | | |
| 6 | 12/15 | 1640 | 12/15 | 2230 | 5 | 50 | 5 | 50 | 0 | 0 | .29 | .13 | | | 40.0 | .20 | | |
| 7 | 12/30 | 0130 | 1/1 | 1730 | 64 | 0 | 56 | 0 | 1 | 15 | 11.25 | .80 | | | 47.5 | 11.21 | | |
| | 1934 | | | | | | | | | | | | | | | | | |
| 8 | 1/23 | 2200 | 1/24 | 0400 | 6 | 0 | 3 | 0 | 1 | 22 | .45 | .43 | | | 40.0 | .88 | | Rain, snow |
| 8A | 2/4 | | 2/4 | | | | | | | | T | | | | | | | |
| 8B | 2/15 | 1710 | 2/15 | 1940 | 2 | 30 | 2 | 30 | 0 | 22 | .07 | .04 | | | | .07 | | |
| 9 | 2/19 | 1500 | 2/20 | 0500 | 14 | 0 | 14 | 0 | 0 | 4 | .72 | .15 | | | 48.0 | .77 | | |
| 10 | 2/22 | 0740 | 2/24 | 0800 | 48 | 20 | 40 | 20 | 2 | 2 | 3.14 | .47 | | | 47.0 | 2.00 | | |
| 11 | 3/23 | 0200 | 3/23 | 0400 | 2 | 0 | 2 | 0 | 0 | 27 | .10 | | | | 47.0 | .05 | | |
| 12 | 4/14 | 1900 | 4/15 | 2400 | 29 | 0 | 10 | 0 | 2 | 22 | .21 | | | | 51.0 | .09 | | |
| 12A | 4/23 | | 4/23 | | | | | | | 8 | .01 | | | | | | | |
| 12B | 5/1 | 0900 | 5/1 | 1200 | 3 | 0 | 3 | 0 | 0 | 8 | .05 | | | | | | | |
| 13 | 6/5 | 0520 | 6/5 | 2050 | 15 | 30 | 9 | 30 | 3 | 35 | .56 | .21 | | | 51.0 | .87 | | |
| 13A | 6/13 | 2020 | 6/14 | 1640 | 20 | 20 | 20 | 20 | 0 | 8 | .07 | | | | | .02 | | |
| 14 | 8/19 | 0940 | 8/19 | 1210 | 2 | 30 | 2 | 30 | 0 | 66 | .10 | .05 | | | | .51 | | |
| 14A | 9/22 | 0650 | 9/22 | 0800 | 1 | 10 | 1 | 10 | 0 | 34 | .03 | | | | | | | |
| 15 | 9/23 | 0520 | 9/23 | 1010 | 4 | 50 | 4 | 50 | 0 | 1 | .20 | .08 | | | | .05 | | |
| Total | | | | | | | | | | | 24.51 | | | | | 23.37 | | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1934-35

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Storm number | Storm start Date | Storm start Time | Storm stop Date | Storm stop Time | Storm duration Hr. | Storm duration Min. | Actual raining time Hr. | Actual raining time Min. | Breaks in storm | Days since last rain | Storm total | Max. hrly rain rate | Wind speed Storm avg. | Wind speed Max. hourly | Avg. storm temp. °F. | Range in precipitation 1500 ft IF-50 | Range in precipitation 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1934 | | | | | | | | | | | | | | | | | Rain unless otherwise noted |
| 16 | 10/6 | 0520 | 10/6 | 1140 | 6 | 20 | 3 | 20 | 1 | 13 | 0.10 | | | | 66.0 | 0.08 | | |
| 17 | 10/16 | 2350 | 10/18 | 1440 | 38 | 50 | 26 | 0 | 3 | 10 | 6.49 | 0.83 | | | 49.0 | 5.18 | | |
| 17A | 10/31 | 2340 | 11/1 | 0320 | 3 | 40 | 3 | 40 | 0 | 13 | .06 | | | | | .03 | | |
| 18 | 11/15 | 1730 | 11/19 | 0600 | 84 | 30 | 54 | 0 | 5 | 14 | 2.65 | .35 | 2.1 | | 48.0 | 3.16 | | |
| 19 | 12/7 | 2230 | 12/8 | 1330 | 15 | 0 | 13 | 0 | 1 | 18 | .62 | .15 | 3.3 | | 50.5 | .49 | | |
| 20 | 12/12 | 0330 | 12/14 | 1230 | 57 | 0 | 51 | 30 | 2 | 4 | 5.14 | .51 | | | 50.5 | 4.06 | | |
| 21 | 12/27 | 2130 | 12/28 | 0830 | 11 | 0 | 11 | 0 | 0 | 13 | 1.01 | .19 | 3.2 | | 51.0 | .90 | | |
| | 1935 | | | | | | | | | | | | | | | | | |
| 22 | 1/4 | 0610 | 1/5 | 1930 | 37 | 20 | 23 | 0 | 2 | 7 | 2.21 | .53 | 4.3 | | 41.0 | 1.52 | | |
| 23 | 1/8 | 1900 | 1/10 | 0900 | 38 | 0 | 24 | 0 | 3 | 3 | 1.04 | .10 | 2.8 | | 44.0 | .88 | | |
| 24 | 1/14 | 2040 | 1/15 | 0930 | 12 | 50 | 12 | 50 | 0 | 4 | 1.65 | .50 | 4.5 | | 42.0 | 1.48 | | |
| 25 | 1/18 | 1600 | 1/19 | 1020 | 18 | 20 | 13 | 20 | 2 | 3 | 1.12 | .43 | 5.7 | | 32.5 | 1.02 | | |
| 26 | 2/4 | 0430 | 2/9 | 2120 | 136 | 50 | 77 | 0 | 8 | 16 | 3.14 | .25 | 2.5 | | 44.0 | 3.45 | | |
| 27 | 2/14 | 0740 | 2/14 | 1030 | 2 | 50 | 2 | 50 | 0 | 5 | .10 | | | | 44.0 | .10 | | |
| 28 | 3/2 | 0140 | 3/2 | 1730 | 15 | 50 | 15 | 50 | 0 | 16 | 1.05 | .73 | 4.8 | | 41.0 | 1.13 | | |
| 29 | 3/4 | 1600 | 3/5 | 0800 | 16 | 0 | 7 | 0 | 1 | 2 | .54 | .18 | 3.8 | | 41.5 | .60 | | |
| 30 | 3/7 | 0750 | 3/9 | 0920 | 49 | 30 | 16 | 0 | 3 | 2 | 1.00 | .15 | 2.4 | | 35.0 | .93 | | Some snow |
| 30A | 3/19 | 1340 | 3/19 | 1400 | 0 | 20 | 0 | 20 | 0 | 10 | .06 | | | | | .06 | | |
| 31 | 3/21 | 1205 | 3/22 | 0800 | 19 | 55 | 4 | 0 | 1 | 2 | .48 | .23 | | | 34.5 | .17 | | |
| 32 | 3/23 | 1830 | 3/24 | 0200 | 7 | 30 | 7 | 30 | 0 | 1 | .82 | .19 | 2.4 | | 36.5 | .81 | | |
| 33 | 4/4 | 2110 | 4/4 | 2230 | 1 | 20 | 1 | 20 | 0 | 11 | .12 | | | | 46.0 | .17 | | |
| 34 | 4/7 | 1210 | 4/8 | 1100 | 22 | 50 | 18 | 0 | 1 | 3 | 4.10 | .82 | 6.1 | | 48.0 | 3.26 | | |
| 35 | 4/29 | 0700 | 4/30 | 1750 | 34 | 50 | 8 | 0 | 3 | 21 | 1.07 | .23 | | | 44.0 | .77 | | |
| 35A | 5/16 | 1700 | 5/16 | 2320 | 6 | 20 | 6 | 20 | 0 | 16 | .07 | | | | | | | |
| 35B | 5/28 | | 5/28 | | | | | | | 12 | .02 | | | | | | | |
| 35C | 7/1 | 0001 | 7/1 | 1600 | 15 | 59 | | | | 34 | .03 | | | | | .19 | | |
| 35D | 8/25 | 1515 | 8/25 | 1610 | 0 | 55 | 0 | 55 | 0 | 55 | .09 | | | | | .18 | | |
| 35E | 8/26 | 0210 | 8/26 | 0300 | 0 | 50 | 0 | 50 | 0 | 1 | .02 | | | | | | | |
| Total | | | | | | | | | | | 34.80 | | | | | 30.62 | | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1935-36

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Storm | | Actual raining | | | Days | | Max. | | | Avg. | Range in precipitation | | |
| Storm number | Storm start Date | Storm start Time | Storm stop Date | Storm stop Time | duration Hr. | duration Min. | time Hr. | time Min. | Breaks in storm | since last rain | Storm total | hrly rain rate | Wind speed Storm avg. | Wind speed Max. hourly | storm temp. °F. | 1500 ft IF-50 | 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1935 | | | | | | | | | | | | | | | | | Rain unless otherwise noted |
| 36 | 10/1 | 0020 | 10/2 | 0500 | 28 | 40 | 8 | 40 | 3 | 36 | 0.16 | | | | 55.0 | 0.23 | 0.01 | |
| 37 | 10/14 | 1945 | 10/14 | 2245 | 3 | 0 | 3 | 0 | 0 | 12 | .27 | 0.16 | | | 52.0 | .25 | .27 | |
| 38 | 11/2 | 0400 | 11/2 | 0730 | 3 | 30 | 3 | 30 | 0 | 19 | .11 | | | | 43.0 | .08 | | |
| 39 | 11/17 | 1330 | 11/18 | 0830 | 19 | 0 | 11 | 0 | 2 | 15 | .37 | .09 | | | 39.5 | .38 | .41 | |
| 39A | 11/22 | 1230 | 11/22 | 1330 | 1 | 0 | 1 | 0 | 0 | 4 | .01 | | | | | .02 | | |
| 40 | 12/3 | 2240 | 12/4 | 0530 | 6 | 50 | 3 | 50 | 2 | 11 | .24 | .11 | | | 42.5 | .35 | .09 | |
| 41 | 12/29 | 0700 | 12/29 | 1415 | 7 | 15 | 5 | 15 | 1 | 25 | .92 | | 4.6 | | 49.5 | .83 | .76 | |
| | 1936 | | | | | | | | | | | | | | | | | |
| 41A | 1/11 | 1415 | 1/11 | 1840 | 4 | 25 | 4 | 25 | 0 | 13 | .04 | | | | | .04 | .02 | |
| 41B | 1/28 | 1315 | 1/28 | 1745 | 4 | 30 | 4 | 30 | 0 | 17 | .05 | | | | | | .14 | |
| 41C | 1/29 | 0215 | 1/29 | 0405 | 1 | 50 | 1 | 50 | 0 | 1 | .03 | | | | | .10 | | |
| 42 | 1/31 | 2230 | 2/2 | 1120 | 36 | 50 | 31 | 50 | 1 | 2 | 4.40 | .66 | 6.1 | | 46.5 | 3.04 | 4.90 | |
| 43 | 2/11 | 0001 | 2/16 | 1640 | 136 | 39 | 70 | 40 | 7 | 9 | 10.03 | .95 | 3.3 | | 43.4 | 9.37 | | |
| 44 | 2/17 | 0250 | 2/18 | 2030 | 41 | 40 | 10 | 0 | 3 | 1 | .69 | .19 | 4.8 | | 42.0 | .79 | 11.89 | |
| 45 | 2/22 | 1900 | 2/24 | 0900 | 38 | 0 | 15 | 0 | 5 | 4 | 1.77 | .63 | 5.8 | | 42.0 | 1.66 | 2.11 | Some hail |
| 46 | 3/21 | 0150 | 3/22 | 0400 | 26 | 10 | 17 | 10 | 4 | 26 | .27 | | | | 47.0 | .21 | .18 | Snow |
| 47 | 3/24 | 1110 | 3/24 | 1615 | 5 | 5 | 5 | 5 | 0 | 2 | .59 | | 3.1 | | 36.0 | .66 | .65 | Melting snow |
| 48 | 3/30 | 1740 | 3/31 | 0400 | 10 | 20 | 8 | 20 | 1 | 6 | 1.78 | .35 | 6.0 | | 42.0 | 1.51 | 2.16 | |
| 49 | 4/3 | 1230 | 4/4 | 1500 | 26 | 30 | 22 | 30 | 1 | 3 | 2.55 | .68 | 4.1 | | 43.0 | 1.80 | 2.58 | |
| 49A | 7/7 | | 7/7 | | | | | | | 94 | T | | | | | .01 | | |
| 49B | 7/9 | | 7/10 | | | | | | | 2 | T | | | | | .05 | .01 | |
| 49C | 9/19 | | 9/19 | | | | | | | 71 | T | | | | | .04 | | |
| Total | | | | | | | | | | | 24.28 | | | | | 21.42 | 26.18 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1936-37

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Actual | | | Days | | Max. | | | Avg. | Range in | | |
| | Storm start | | Storm | stop | Storm duration | | raining time | | Breaks in | since last | Storm | hrly rain | Wind speed | | storm | precipitation | | Character of |
| Storm number | Date | Time | Date | Time | Hr. | Min. | Hr. | Min. | storm | rain | total | rate | Storm avg. | Max. hourly | temp. °F. | 1500 ft IF-50 | 5200 ft IF-32 | precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1936 | | | | | | | | | | | | | | | | | Rain unless otherwise noted |
| 50 | 10/16 | 0830 | 10/18 | 0700 | 46 | 30 | 23 | 0 | 2 | 27 | 1.30 | 0.27 | 3.5 | | 53.2 | 1.29 | 2.86 | |
| 51 | 10/29 | 2000 | 10/31 | 0530 | 33 | 30 | 12 | 0 | 3 | 11 | 1.72 | .30 | 1.9 | | 49.3 | 1.09 | 2.02 | |
| 51A | 11/21 | 2230 | 11/23 | 0630 | 32 | 0 | 11 | 0 | 4 | 21 | .17 | | | | 52.1 | .17 | .52 | |
| 52 | 12/3 | 1800 | 12/4 | 1300 | 19 | 0 | 16 | 0 | 1 | 10 | .23 | | | | 41.2 | .17 | .48 | |
| 53 | 12/14 | 1700 | 12/16 | 0935 | 40 | 35 | 36 | 0 | 1 | 10 | 4.07 | .33 | 2.3 | | 47.4 | 3.03 | 6.33 | |
| 54 | 12/25 | 0230 | 12/29 | 0900 | 102 | 30 | 38 | 0 | 6 | 9 | 5.57 | .66 | 4.2 | | 40.1 | 4.29 | ) 10.79 | |
| 55 | 12/30 | 1330 | 12/31 | 1300 | 23 | 30 | 23 | 30 | 0 | 1 | 4.64 | .71 | 5.2 | | 40.8 | 2.14 | ) | |
| | 1937 | | | | | | | | | | | | | | | | | |
| 56 | 1/5 | 0800 | 1/8 | 2200 | 86 | 0 | 26 | 0 | 3 | 5 | 1.82 | .28 | 3.4 | | 34.8 | 1.64 | 2.30 | Snow |
| 57 | 1/12 | 0700 | 1/12 | 2200 | 15 | 0 | 11 | 0 | 1 | 4 | .68 | .25 | 1.6 | | 36.0 | 1.24 | 1.44 | Snow |
| 57A | 1/19 | | 1/19 | | | | | | | 7 | .03 | | | | | | ) | |
| 58 | 1/28 | 1700 | 1/31 | 0930 | 64 | 30 | 28 | 0 | 3 | 9 | 2.95 | .52 | 3.7 | | 37.1 | 2.25 | ) 3.56 | |
| 59 | 2/5 | 1900 | 2/7 | 0930 | 38 | 30 | 38 | 30 | 0 | 5 | 4.60 | .45 | 2.0 | | 47.1 | 4.14 | 4.13 | |
| 59A | 2/11 | 1700 | 2/11 | 1900 | 2 | 0 | 2 | 0 | 0 | 4 | .04 | | | | | | ) | |
| 60 | 2/13 | 1300 | 2/15 | 0900 | 44 | 0 | 33 | 0 | 2 | 2 | 4.45 | .42 | 2.6 | | 47.6 | 3.71 | ) 5.90 | |
| 61 | 2/24 | 1730 | 2/25 | 1530 | 22 | 0 | 16 | 30 | 1 | 9 | 1.28 | .21 | 2.5 | | 41.5 | 1.62 | 1.67 | Hail, snow |
| 62 | 3/12 | 0200 | 3/13 | 0630 | 28 | 30 | 28 | 30 | 0 | 15 | 4.78 | .47 | 7.4 | | 45.9 | ) | ) | |
| 63 | 3/15 | 1200 | 3/16 | 1600 | 28 | 0 | 10 | 34 | 1 | 2 | 1.43 | .38 | 4.4 | | 50.2 | ) 4.84 | ) 7.23 | |
| 64 | 3/17 | 2030 | 3/18 | 0330 | 7 | 0 | 5 | 0 | 1 | 1 | .32 | .13 | | | 40.5 | .34 | .51 | |
| 65 | 3/21 | 2330 | 3/22 | 1700 | 17 | 30 | 17 | 30 | 0 | 3 | 1.42 | .29 | 3.1 | | 38.0 | 1.38 | 1.27 | Snow |
| 66 | 3/24 | 1330 | 3/24 | 2130 | 8 | 0 | 8 | 0 | 0 | 2 | .54 | .16 | 1.9 | | 39.4 | .55 | .65 | |
| 67 | 3/27 | 2030 | 3/27 | 2130 | 1 | 0 | 1 | 0 | 0 | 3 | .38 | .38 | | | 35.0 | ) | ) | Hail |
| 68 | 4/1 | 2000 | 4/2 | 0800 | 12 | 0 | 10 | 0 | 1 | 5 | .40 | .18 | | | 43.5 | ) .45 | ) .25 | |
| 69 | 4/26 | 2100 | 4/26 | 2400 | 3 | 0 | 3 | 0 | 0 | 24 | .24 | .16 | | | | .39 | .25 | |
| 70 | 5/24 | 1830 | 5/26 | 1700 | 46 | 30 | 16 | 0 | 7 | 28 | .57 | .25 | 1.5 | | 53.0 | .26 | .20 | |
| 71 | 5/28 | 0230 | 5/31 | 0700 | 76 | 30 | 25 | 0 | 3 | 2 | .25 | | | | 51.0 | .22 | .11 | |
| 71A | 6/4 | 2000 | 6/6 | 1030 | 38 | 30 | 14 | 0 | 2 | 4 | .06 | | | | | .00 | | |
| Total | | | | | | | | | | | 43.94 | | | | | 35.21 | 52.47 | |

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1937-38

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Actual | | | Days | | Max. | | | Avg. | Range in precipitation | | |
| | Storm start | | Storm stop | | Storm duration | | raining time | | Breaks in | since last | Storm total | hrly rain rate | Wind speed Storm avg. | Max. hourly | storm temp. °F. | 1500 ft IF-50 | 5200 ft IF-32 | Character of precipitation |
| Storm number | Date | Time | Date | Time | Hr. | Min. | Hr. | Min. | storm | rain | Inches | IPH | MPH | | | Inches | | |
| | 1937 | | | | | | | | | | | | | | | | | Rain unless otherwise noted |
| 71B | 11/7 | 0230 | 11/7 | 0900 | 6 | 30 | 2 | 0 | 1 | 154 | 0.04 | | | | | 0.02 | | |
| 72 | 12/9 | 1830 | 12/11 | 2100 | 50 | 30 | 35 | 0 | 1 | 32 | 3.14 | 0.39 | 1.5 | | 54.1 | 3.26 | 3.43 | |
| 73 | 12/22 | 2200 | 12/23 | 1130 | 13 | 30 | 13 | 30 | 0 | 11 | 1.53 | .41 | 3.3 | | 44.7 | .68 | 1.40 | |
| 74 | 12/26 | 0200 | 12/26 | 1930 | 17 | 30 | 15 | 0 | 1 | 3 | .80 | .20 | 1.8 | | 49.2 | .70 | .94 | |
| | 1938 | | | | | | | | | | | | | | | | | |
| 75 | 1/14 | 1700 | 1/15 | 1130 | 18 | 30 | 16 | 0 | 1 | 19 | 2.62 | 1.20 | 3.5 | | 49.9 | 2.20 | 3.84 | |
| 76 | 1/18 | 1300 | 1/19 | 0300 | 14 | 0 | 10 | 0 | 2 | 3 | .29 | | | | 44.8 | | .65 | |
| 77 | 1/19 | 1700 | 1/19 | 2000 | 3 | 0 | 3 | 0 | 0 | 0 | .24 | | | | 43.0 | .35 | | |
| 78 | 1/28 | 1700 | 1/29 | 1130 | 18 | 30 | 8 | 0 | 2 | 9 | .31 | | | | 41.0 | .28 | | |
| 79 | 1/31 | 2200 | 2/1 | 1030 | 12 | 30 | 12 | 30 | 0 | 2 | 1.70 | .33 | 4.9 | | 44.8 | 1.87 | 7.04 | |
| 80 | 2/2 | 1500 | 2/4 | 1400 | 47 | 0 | 22 | 12 | 2 | 1 | 3.74 | .34 | 6.0 | | 43.5 | 2.34 | | |
| 81 | 2/8 | 2030 | 2/10 | 0500 | 32 | 30 | 27 | 0 | 1 | 4 | 1.71 | .25 | 4.5 | | 45.8 | 1.65 | 5.01 | Sleet |
| 82 | 2/10 | 2300 | 2/12 | 1000 | 35 | 0 | 26 | 0 | 2 | 0 | 2.47 | .73 | 5.8 | | 40.8 | 1.85 | | Snow |
| 82A | 2/14 | 0800 | 2/14 | 1000 | 2 | 0 | 2 | 0 | 0 | 2 | .04 | | | | | .04 | | |
| 83 | 2/18 | 1500 | 2/19 | 0330 | 12 | 30 | 12 | 30 | 0 | 4 | .72 | .17 | 2.8 | | 40.8 | .62 | .83 | |
| 84 | 2/27 | 0130 | 3/1 | 0330 | 50 | 0 | 48 | 0 | 1 | 8 | 8.27 | 1.20 | 3.8 | | 51.7 | 5.68 | 25.13 | |
| 85 | 3/1 | 2300 | 3/3 | 2100 | 46 | 0 | 39 | 0 | 1 | 0 | 12.93 | 1.17 | 6.3 | | 47.7 | 8.65 | | Hail |
| 86 | 3/7 | 2300 | 3/8 | 1600 | 17 | 0 | 7 | 54 | 2 | 4 | .83 | .18 | 2.0 | | 43.3 | .56 | 5.23 | Hail, sleet |
| 87 | 3/11 | 1800 | 3/13 | 1130 | 41 | 30 | 29 | 0 | 1 | 3 | 4.01 | .45 | 5.7 | | 48.6 | 2.92 | | |
| 88 | 3/28 | 1800 | 3/28 | 2400 | 6 | 0 | 6 | 0 | 0 | 15 | .10 | | | | 41.2 | .09 | .14 | |
| 89 | 4/12 | 2030 | 4/13 | 0005 | 3 | 35 | 3 | 35 | 0 | 15 | .25 | | | | 40.7 | .16 | .32 | |
| 90 | 4/24 | 0830 | 4/25 | 1130 | 27 | 0 | 12 | 43 | 3 | 11 | 1.00 | .22 | 2.0 | | 47.2 | 1.11 | 1.23 | |
| 91 | 4/29 | 0700 | 5/2 | 1930 | 84 | 30 | 30 | 0 | 7 | 4 | .91 | .12 | 1.9 | | 44.8 | .66 | 1.23 | |
| 92 | 5/15 | 2130 | 5/17 | 0330 | 30 | 0 | 11 | 0 | 2 | 13 | .20 | | | | 48.7 | .03 | .26 | |
| 93 | 6/9 | 0200 | 6/11 | 0200 | 48 | 0 | 24 | 0 | 2 | 23 | .22 | | | | 50.6 | .14 | .07 | |
| 93A | 7/13 | 0750 | 7/13 | 0800 | 0 | 10 | | | | 32 | T | | | | | .00 | .17 | |
| 93B | 8/28 | 1319 | 8/29 | | | | | | | 46 | T | | | | | | | |
| 93C | 9/17 | 2100 | 9/17 | 2120 | 0 | 20 | 0 | 20 | 0 | 19 | .06 | | | | | .03 | .04 | |
| Total | | | | | | | | | | | 48.13 | | | | | 35.89 | 56.96 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1938-39

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Storm number | Storm start Date | Storm start Time | Storm stop Date | Storm stop Time | Storm duration Hr. | Storm duration Min. | Actual raining time Hr. | Actual raining time Min. | Breaks in storm | Days since last rain | Storm total | Max. hrly rain rate | Wind speed Storm avg. | Wind speed Max. hourly | Avg. storm temp. °F. | Range in precipitation 1500 ft IF-50 | Range in precipitation 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1938 | | | | | | | | | | | | | | | | | Rain unless otherwise noted |
| 93D | 10/1 | 2100 | 10/1 | 2200 | 1 | 0 | 1 | 0 | 0 | 14 | 0.02 | 0.02 | | | | | ) | |
| 94 | 10/15 | 0010 | 10/15 | 1000 | 9 | 50 | 9 | 50 | 0 | 14 | .36 | .11 | | | 52.3 | 0.41 | ) 0.56 | |
| 94A | 11/10 | 1930 | 11/10 | 2050 | 1 | 20 | 1 | 20 | 0 | 26 | .05 | .04 | | | | .01 | ) | |
| 95 | 12/14 | 0730 | 12/16 | 0400 | 44 | 30 | 24 | 0 | 4 | 34 | 1.77 | .43 | 2.3 | | 49.5 | 1.73 | )11.88 | |
| 96 | 12/17 | 1530 | 12/21 | 0300 | 83 | 30 | 69 | 0 | 4 | 1 | 7.27 | .53 | 1.6 | | 45.5 | 6.63 | ) | |
| | 1939 | | | | | | | | | | | | | | | | | |
| 96A | 1/2 | 1330 | 1/2 | 1700 | 3 | 30 | 3 | 30 | 0 | 12 | .01 | .01 | | | | .03 | ) | |
| 97 | 1/5 | 0800 | 1/5 | 1910 | 11 | 10 | 11 | 10 | 0 | 3 | 2.35 | .77 | 3.9 | | 42.7 | 1.65 | ) 2.11 | |
| 98 | 1/21 | 0050 | 1/21 | 2020 | 19 | 30 | 19 | 30 | 0 | 16 | .93 | .15 | 2.0 | | 41.1 | 1.53 | 1.41 | |
| 98A | 1/27 | 2200 | 1/28 | 0330 | 5 | 30 | 5 | 30 | 0 | 6 | .06 | .03 | | | | .13 | ) | |
| 99 | 1/30 | 1430 | 2/1 | 1100 | 44 | 30 | 20 | 50 | 2 | 2 | .76 | .14 | 1.4 | | 34.4 | .69 | ) .84 | Snow |
| 100 | 2/3 | 0900 | 2/3 | 2300 | 14 | 0 | 14 | 0 | 0 | 2 | 1.12 | .29 | 1.1 | | 34.5 | 1.36 | ) | Snow 4" at Tanbark |
| 101 | 2/7 | 2250 | 2/8 | 0640 | 7 | 50 | 7 | 50 | 0 | 4 | .93 | .32 | 4.7 | | 35.5 | .89 | ) 2.15 | |
| 101A | 2/10 | 0510 | 2/10 | 1000 | 4 | 50 | 4 | 50 | 0 | 2 | .06 | .02 | | | | | .06 | |
| 101B | 2/19 | 0530 | 2/19 | 0700 | 1 | 30 | 1 | 30 | 0 | 9 | .04 | .02 | | | | | | |
| 102 | 3/9 | 1850 | 3/10 | 0300 | 8 | 10 | 8 | 10 | 0 | 18 | 1.57 | .44 | 6.5 | | 41.0 | 1.11 | 1.58 | Snow |
| 103 | 3/19 | 2310 | 3/20 | 0340 | 4 | 30 | 4 | 30 | 0 | 9 | .32 | .12 | | | 53.5 | .31 | .29 | |
| 103A | 3/22 | 2100 | 3/23 | 0400 | 7 | 0 | 7 | 0 | 0 | 2 | .02 | T | | | | | | |
| 104 | 3/25 | 2230 | 3/28 | 0500 | 54 | 30 | 40 | 0 | 2 | 2 | 2.38 | .45 | 2.1 | | 42.0 | 1.40 | 1.86 | |
| 105 | 4/1 | 2050 | 4/2 | 0550 | 9 | 0 | 9 | 0 | 0 | 4 | .85 | .22 | 2.8 | | 49.0 | .70 | .81 | |
| 106 | 4/13 | 0700 | 4/14 | 0400 | 21 | 0 | 8 | 0 | 2 | 11 | .14 | .07 | | | 40.5 | | .20 | |
| 106A | 4/23 | 0030 | 4/23 | 0220 | 1 | 50 | 1 | 50 | 0 | 9 | .05 | .03 | | | | .02 | | |
| 107 | 5/13 | 1250 | 5/14 | 0230 | 13 | 40 | 3 | 30 | 3 | 20 | .16 | .08 | | | 51.5 | .01 | .08 | |
| 107A | 5/15 | 0200 | 5/15 | 0400 | 2 | 0 | 2 | 0 | 0 | 1 | .02 | .01 | | | | | | |
| 108 | 9/10 | 1945 | 9/12 | 0050 | 29 | 5 | 7 | 27 | 3 | 118 | .30 | .09 | | | 69.0 | .50 | .18 | |
| 109 | 9/21 | 1345 | 9/21 | 1600 | 2 | 15 | 2 | 15 | 0 | 9 | .13 | .07 | | | 83.5 | .35 | .08 | |
| 110 | 9/24 | 1100 | 9/26 | 0212 | 39 | 12 | 37 | 12 | 1 | 3 | 5.25 | .48 | 6.1 | | 62.0 | 6.68 | 11.00 | |
| Total | | | | | | | | | | | 26.92 | | | | | 26.14 | 35.09 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic year 1939-40

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Actual | | | Days | | Max. | | | Avg. | Range in | | |
| | | | | | Storm | | raining | | Breaks | since | | hrly | Wind speed | | Storm | precipitation | | |
| Storm | Storm | start | Storm | stop | duration | | time | | in | last | Storm | rain | Storm | Max. | temp. | 1500 ft | 5200 ft | Character of |
| number | Date | Time | Date | Time | Hr. | Min. | Hr. | Min. | storm | rain | total | rate | avg. | hourly | °F. | IF-50 | IF-32 | precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1939 | | | | | | | | | | | | | | | | | Rain unless otherwise noted |
| 111 | 10/2 | 0011 | 10/3 | 1510 | 38 | 59 | 6 | 0 | 4 | 6 | 0.10 | 0.01 | | | 53.0 | 0.24 | 0.12 | |
| 112 | 10/6 | 1420 | 10/8 | 1535 | 49 | 15 | 10 | 0 | 6 | 3 | .45 | .10 | | | 52.0 | .35 | .68 | |
| 112A | 10/24 | 2130 | 10/24 | 2250 | 1 | 20 | 1 | 20 | 0 | 16 | .04 | .02 | | | | | | |
| 113 | 11/8 | 0838 | 11/9 | 0816 | 23 | 38 | 10 | 19 | 3 | 15 | .32 | .06 | | | 51.0 | .24 | .41 | |
| 113A | 12/5 | 2115 | 12/5 | 2300 | 1 | 45 | 1 | 45 | 0 | 26 | .09 | .06 | | | | .08 | .06 | |
| 113B | 12/11 | 0200 | 12/11 | 0930 | 7 | 30 | 2 | 0 | 1 | 6 | .04 | T | | | | .01 | .06 | |
| 114 | 12/23 | 0815 | 12/23 | 1930 | 11 | 15 | 9 | 0 | 1 | 12 | .92 | .40 | 4.4 | | 43.0 | .75 | 1.20 | Snow Fern |
| | 1940 | | | | | | | | | | | | | | | | | |
| 115 | 1/4 | 0530 | 1/4 | 1930 | 14 | 0 | 7 | 0 | 2 | 12 | .54 | .11 | 1.8 | | 50.0 | .90 | .62 | |
| 116 | 1/6 | 0530 | 1/12 | 0542 | 144 | 12 | 53 | 45 | 13 | 2 | 5.61 | .57 | 2.0 | | 47.5 | 6.02 | 7.16 | |
| 117 | 1/23 | 1432 | 1/23 | 1914 | 4 | 42 | 4 | 42 | 0 | 11 | .87 | .44 | 4.3 | | 44.5 | .76 | .84 | |
| 118 | 1/31 | 0920 | 2/4 | 0900 | 95 | 40 | 42 | 0 | 9 | 8 | 3.59 | .58 | 2.8 | | 46.0 | 2.89 | 3.51 | |
| 118A | 2/12 | 1900 | 2/12 | 1933 | 0 | 33 | 0 | 33 | 0 | 8 | .02 | .02 | | | | | .00 | |
| 119 | 2/14 | 0800 | 2/14 | 1733 | 9 | 33 | 9 | 33 | 0 | 2 | .40 | .10 | | | 49.0 | .34 | .46 | |
| 120 | 2/22 | 0658 | 2/23 | 1815 | 35 | 17 | 9 | 20 | 3 | 8 | .26 | .06 | | | 50.0 | .20 | .42 | |
| 121 | 2/25 | 1220 | 2/26 | 0350 | 15 | 30 | 15 | 30 | 0 | 2 | 2.51 | .58 | 5.1 | | 53.5 | 2.18 | 3.39 | |
| 122 | 2/28 | 2115 | 2/29 | 1235 | 15 | 20 | 8 | 0 | 1 | 2 | 1.19 | .37 | 2.8 | | 48.5 | .75 | .98 | |
| 122A | 3/10 | | 3/10 | | | | | | | 10 | T | | | | | T | .00 | |
| 122B | 3/19 | | 3/19 | | | | | | | 9 | T | | | | | .01 | .03 | |
| 123 | 3/25 | 1830 | 3/27 | 0940 | 39 | 10 | 23 | 10 | 2 | 6 | .26 | .05 | | | 49.0 | .20 | .20 | |
| 124 | 3/31 | 0108 | 4/1 | 0826 | 31 | 18 | 28 | 0 | 1 | 4 | 2.07 | .29 | 1.9 | | 44.0 | 2.08 | 2.96 | |
| 124A | 4/4 | 1430 | 4/4 | 1512 | 0 | 42 | 0 | 42 | 0 | 3 | .02 | | | | | .01 | T | |
| 125 | 4/15 | 0040 | 4/15 | 1819 | 17 | 39 | 7 | 39 | 1 | 11 | .37 | .29 | | | 48.5 | .61 | .25 | |
| 126 | 4/25 | 2330 | 4/26 | 1938 | 20 | 8 | 16 | 24 | 1 | 10 | 2.21 | .53 | 2.5 | | 42.0 | 2.25 | 2.48 | |
| 127 | 5/18 | 1247 | 5/18 | 1700 | 4 | 13 | 1 | 30 | 1 | 22 | .11 | .07 | | | 60.0 | T | .00 | |
| 127A | 7/9 | | 7/9 | | | | | | | 52 | T | | | | | T | .00 | |
| 127B | 9/26 | | 9/26 | | | | | | | 79 | T | | | | | T | .00 | |
| Total | | | | | | | | | | | 21.99 | | | | | 20.87 | 25.83 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1940-41

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Actual | | | Days | | Max. | | | Avg. | Range in precipitation | | |
| Storm number | Storm start Date | Time | Storm stop Date | Time | Storm duration Hr. | Min. | raining time Hr. | Min. | Breaks in storm | since last rain | Storm total | hrly rain rate | Wind speed Storm avg. | Max. hourly | storm temp. °F. | 1500 ft IF-50 | 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1940 | | | | | | | | | | | | | | | | | Rain unless otherwise noted |
| 127C | 10/8 | 1700 | 10/8 | 1900 | 2 | 0 | 2 | 0 | 0 | 12 | 0.06 | 0.02 | | | | 0.02 | 0.00 | |
| 128 | 10/25 | 1030 | 10/26 | 2226 | 35 | 56 | 18 | 56 | 3 | 17 | 2.47 | .39 | 2.1 | | 55.7 | 2.23 | 2.47 | |
| 129 | 11/17 | 0910 | 11/18 | 0510 | 20 | 0 | 16 | 45 | 2 | 22 | 1.87 | .32 | 1.3 | | 41.7 | 1.34 | 1.71 | |
| 130 | 12/11 | 2140 | 12/12 | 0200 | 4 | 20 | 4 | 20 | 0 | 23 | .32 | .13 | | | 40.0 | .21 | .50 | |
| 131 | 12/16 | 0330 | 12/17 | 0845 | 29 | 15 | 24 | 34 | 1 | 4 | 2.92 | .33 | 2.8 | | 47.6 | 2.60 | 4.02 | |
| 132 | 12/18 | 1421 | 12/18 | 1742 | 3 | 21 | 3 | 21 | 0 | 1 | .31 | .14 | | | 55.0 | .33 | .22 | |
| 133 | 12/23 | 0037 | 12/23 | 1124 | 10 | 47 | 10 | 47 | 0 | 5 | 1.94 | .52 | 2.8 | | 42.0 | 1.97 | 2.34 | |
| 134 | 12/24 | 0023 | 12/24 | 1836 | 18 | 13 | 13 | 46 | 2 | 1 | 2.22 | .42 | 2.3 | | 36.0 | 2.07 | 2.39 | |
| 135 | 12/28 | 2106 | 12/29 | 0938 | 12 | 32 | 12 | 32 | 0 | 4 | .46 | .10 | | | 40.8 | .48 | .92 | |
| 136 | 12/30 | 1804 | 12/30 | 2111 | 3 | 7 | 3 | 7 | 0 | 1 | .52 | .36 | 1.9 | | 34.0 | .94 | .56 | Rain, snow |
| | 1941 | | | | | | | | | | | | | | | | | |
| 136A | 1/4 | 1503 | 1/4 | 1916 | 4 | 13 | 2 | 30 | 1 | 5 | .05 | .02 | | | | .05 | .07 | |
| 136B | 1/7 | | 1/7 | | | | | | | 3 | T | | | | | | | |
| 137 | 1/10 | 0530 | 1/10 | 1215 | 6 | 45 | 6 | 45 | 0 | 3 | .58 | .18 | 3.7 | | 67.5 | .45 | .75 | |
| 137A | 1/14 | 0100 | 1/14 | 0430 | 3 | 30 | 3 | 30 | 0 | 4 | .08 | .04 | | | | .14 | .08 | |
| 138 | 1/21 | 1753 | 1/22 | 0153 | 8 | 0 | 8 | 0 | 0 | 7 | .69 | .22 | 1.8 | | 49.7 | .71 | .66 | |
| 139 | 1/23 | 0600 | 1/24 | 1130 | 29 | 30 | 20 | 33 | 3 | 1 | 1.53 | .24 | 1.4 | | 46.5 | 1.35 | 1.72 | |
| 140 | 1/25 | 2203 | 1/26 | 0706 | 9 | 3 | 9 | 3 | 0 | 1 | .26 | | | | 44.0 | .22 | .43 | |
| 141 | 2/6 | 0407 | 2/6 | 1028 | 6 | 21 | 6 | 21 | 0 | 11 | .82 | .27 | 4.5 | | 48.5 | .66 | .67 | |
| 142 | 2/11 | 0913 | 2/11 | 2138 | 12 | 25 | 8 | 25 | 2 | 5 | 1.54 | .48 | 6.4 | | 49.6 | 1.36 | 1.93 | |
| 143 | 2/14 | 1238 | 2/17 | 0616 | 65 | 38 | 30 | 39 | 5 | 3 | 2.46 | .20 | 2.0 | | 35.4 | 2.22 | 3.44 | |
| 144 | 2/19 | 1049 | 2/24 | 1354 | 123 | 5 | 58 | 35 | 9 | 2 | 6.56 | .79 | 2.8 | | 42.9 | 5.94 | 8.28 | |
| 145 | 2/28 | 1409 | 3/2 | 0910 | 43 | 1 | 38 | 25 | 3 | 4 | 3.76 | .56 | 2.1 | | 48.5 | 2.68 | 3.99 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1940-41 (Cont'd)

| 1 Storm number | 2 Storm start Date | 3 Storm start Time | 4 Storm stop Date | 5 Storm stop Time | 6 Storm duration Hr. | 6 Storm duration Min. | 7 Actual raining time Hr. | 7 Actual raining time Min. | 8 Breaks in storm | 9 Days since last rain | 10 Storm total | 11 Max. hrly rain rate | 12 Wind speed Storm avg. | 13 Wind speed Max. hourly | 14 Avg. storm temp. °F. | 15 Range in precipitation 1500 ft: IF-50 | 15 Range in precipitation 5200 ft: IF-32 | 16 Character of precipitation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | Rain unless otherwise noted |
| | 1941 (Cont'd) | | | | | | | | | | | | | | | | | |
| 146 | 3/3 | 1945 | 3/5 | 0725 | 35 | 40 | 26 | 25 | 1 | 1 | 3.26 | .40 | 4.0 | | 56.9 | 2.91 | 4.56 | Rain, snow |
| 147 | 3/11 | 1553 | 3/14 | 1830 | 74 | 37 | 38 | 43 | 6 | 6 | 3.96 | .45 | 2.7 | | 40.0 | 3.14 | 5.88 | |
| 148 | 3/28 | 1610 | 3/29 | 0431 | 12 | 21 | 12 | 21 | 0 | 14 | 1.83 | .45 | 3.1 | | 52.0 | 1.70 | 2.56 | |
| 149 | 3/31 | 0947 | 4/2 | 1920 | 57 | 33 | 21 | 6 | 7 | 2 | 2.15 | .32 | 2.4 | | 52.4 | 2.13 | 2.87 | Rain, snow |
| 150 | 4/4 | 1424 | 4/4 | 2215 | 7 | 51 | 7 | 51 | 0 | 2 | 1.71 | .54 | 5.4 | | 45.2 | 1.04 | 2.14 | |
| 151 | 4/9 | 1746 | 4/9 | 2318 | 5 | 32 | 5 | 32 | 0 | 5 | .95 | .28 | 6.0 | | 48.2 | 1.59 | .70 | Rain, snow |
| 152 | 4/10 | 1518 | 4/14 | 0720 | 88 | 2 | 25 | 27 | 7 | 1 | 1.72 | .46 | 2.4 | | 47.8 | | 2.14 | |
| 153 | 4/17 | 1955 | 4/17 | 2020 | 0 | 25 | 0 | 25 | 0 | 3 | .15 | .15 | | | 45.0 | .10 | .03 | |
| 154 | 4/29 | 2039 | 4/30 | 1830 | 21 | 51 | 21 | 51 | 0 | 12 | .78 | .11 | 2.9 | | 45.1 | .75 | 1.64 | |
| 155 | 5/2 | 1820 | 5/3 | 0508 | 10 | 48 | 8 | 0 | 1 | 2 | .15 | .03 | | | 50.4 | .04 | .07 | |
| 155A | 5/18 | 0300 | 5/18 | 0820 | 5 | 20 | 2 | 30 | 1 | 15 | .02 | | | | | .01 | .02 | |
| 155B | 5/27 | | 5/27 | | | | | | | 9 | T | | | | | | | |
| 155C | 6/2 | | 6/2 | | | | | | | 6 | T | | | | | | | |
| 156 | 6/6 | 1823 | 6/7 | 0142 | 7 | 19 | 7 | 19 | 0 | 4 | .10 | .02 | | | 47.8 | .07 | .12 | |
| 156A | 6/8 | | 6/8 | | | | | | | 1 | T | | | | | | .05 | |
| 156B | 7/25 | | 7/25 | | | | | | | 47 | T | | | | | | | |
| 156C | 7/26 | | 7/26 | | | | | | | 1 | T | | | | | | | |
| 156D | 8/5 | | 8/5 | | | | | | | 10 | T | | | | | | | |
| 156E | 8/10 | | 8/10 | | | | | | | 5 | T | | | | | | | |
| 156F | 8/15 | 0900 | 8/15 | 1200 | 3 | 0 | | | | 5 | .03 | .01 | | | | .01 | | |
| Total | | | | | | | | | | | 48.23 | | | | | 41.46 | 59.93 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1941-42

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Actual | | | Days | | Max. | | | Avg. | Range in | | |
| | | | | | Storm | | raining | | Breaks | since | | hrly | Wind speed | | storm | precipitation | | |
| Storm number | Storm start Date | Time | Storm stop Date | Time | duration Hr. | Min. | time Hr. | Min. | in storm | last rain | Storm total | rain rate | Storm avg. | Max. hourly | temp. °F. | 1500 ft: IF-50 | 5200 ft: IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | Rain unless otherwise noted |
| | 1941 | | | | | | | | | | | | | | | | | |
| 157 | 10/12 | 0200 | 10/12 | 0600 | 4 | 0 | 4 | 0 | 0 | 58 | 0.14 | 0.04 | | | 54.5 | 0.12 | 0.29 | |
| 158 | 10/19 | 1530 | 10/20 | 2100 | 29 | 30 | 19 | 0 | 1 | 7 | .42 | .04 | | | 44.1 | ) 1.53 | .32 | |
| 159 | 10/21 | 1552 | 10/24 | 0701 | 63 | 9 | 26 | 0 | 7 | 1 | .91 | .10 | 2.2 | | 46.7 | ) | 1.60 | |
| 160 | 10/27 | 0950 | 10/27 | 1353 | 4 | 3 | 2 | 0 | 1 | 3 | .27 | .20 | | | 52.0 | .24 | .21 | |
| 161 | 11/11 | 2053 | 11/12 | 0337 | 6 | 44 | 6 | 44 | 0 | 15 | .37 | .14 | | | | .43 | .49 | |
| 161A | 11/16 | 2153 | 11/17 | 0832 | 10 | 39 | 1 | 30 | 1 | 4 | .06 | .01 | | | | .23 | .10 | |
| 162 | 11/29 | 1330 | 11/29 | 2347 | 10 | 17 | 6 | 0 | 1 | 12 | .20 | .07 | | | 52.2 | .14 | .39 | |
| 163 | 12/3 | 1004 | 12/3 | 1830 | 8 | 26 | 8 | 26 | 0 | 4 | .62 | .22 | 1.8 | | 47.6 | .58 | .60 | |
| 164 | 12/9 | 1208 | 12/10 | 1721 | 29 | 13 | 20 | 29 | 4 | 6 | 2.01 | .33 | 2.7 | | 43.6 | 1.98 | 3.54 | |
| 165 | 12/23 | 1207 | 12/23 | 1519 | 3 | 12 | 3 | 12 | 0 | 13 | .38 | .66 | 3.6 | | 40.0 | .55 | .71 | Hail |
| 166 | 12/25 | 1417 | 12/26 | 0809 | 17 | 52 | 9 | 25 | 1 | 2 | .65 | .16 | 1.9 | | 34.0 | .66 | .97 | Snow |
| 167 | 12/28 | 1344 | 1/1 | 1525 | 97 | 41 | 34 | 46 | 10 | 2 | 2.72 | .34 | 2.3 | | 38.3 | 2.01 | 3.02 | Snow |
| | 1942 | | | | | | | | | | | | | | | | | |
| 168 | 1/22 | 0154 | 1/22 | 0630 | 4 | 46 | 4 | 46 | 0 | 21 | .11 | .03 | | | 45.3 | .10 | .67 | |
| 169 | 2/21 | 0917 | 2/22 | 0423 | 19 | 6 | 17 | 6 | 1 | 30 | 1.56 | .41 | 3.5 | | 40.4 | 1.30 | 2.02 | |
| 169A | 2/27 | 0045 | 2/27 | 0601 | 5 | 16 | 2 | 30 | 1 | 5 | .06 | .04 | | | | .13 | .02 | |
| 170 | 3/11 | 1120 | 3/15 | 0205 | 86 | 45 | 57 | 0 | 8 | 12 | 1.37 | | 1.4 | | 39.3 | 2.04 | 1.98 | Snow Tanbark |
| 171 | 4/3 | 1656 | 4/6 | 1600 | 71 | 4 | 15 | 0 | 4 | 19 | 1.09 | .14 | 1.4 | | 45.1 | .86 | 1.37 | |
| 172 | 4/9 | 1355 | 4/11 | 0620 | 40 | 25 | 18 | 0 | 4 | 3 | .94 | .15 | 1.1 | | 53.3 | .86 | 1.33 | |
| 173 | 4/14 | 0605 | 4/14 | 1106 | 5 | 1 | 5 | 1 | 0 | 3 | .35 | .13 | | | 43.3 | .25 | .33 | |
| 174 | 4/17 | 0100 | 4/17 | 0323 | 2 | 23 | 2 | 23 | 0 | 3 | .23 | .13 | | | 40.5 | .22 | .16 | |
| 175 | 4/21 | 0147 | 4/22 | 2300 | 45 | 13 | 7 | 30 | 4 | 4 | .38 | .10 | | | 43.5 | .26 | .17 | |
| 175A | 4/25 | 2020 | 4/26 | 0100 | 4 | 40 | 2 | 0 | 1 | 3 | .02 | T | | | | .02 | ) .24 | |
| 176 | 4/28 | 0400 | 4/29 | 0140 | 21 | 40 | 7 | 0 | 3 | 2 | .22 | .07 | | | 43.0 | .18 | ) | |
| 176A | 5/10 | 0100 | 5/10 | 0600 | 5 | 0 | | | | 11 | T | | | | | | | |
| 176B | 7/23 | 1645 | 7/23 | 1655 | 0 | 10 | 0 | 10 | 0 | 74 | .02 | .02 | | | | | | |
| 177 | 8/9 | 1935 | 8/10 | 0400 | 8 | 25 | 6 | 35 | 1 | 17 | .55 | .26 | 1.5 | | 63.8 | .46 | .46 | |
| Total | | | | | | | | | | | 16.65 | | | | | 15.15 | 21.49 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1942-43

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Storm | | Actual raining | | Breaks | Days since | | Max. hrly | Wind speed | | Avg. storm | Range in precipitation | | |
| Storm number | Storm start Date | Time | Storm stop Date | Time | duration Hr. | Min. | time Hr. | Min. | in storm | last rain | Storm total | rain rate | Storm avg. | Max. hourly | temp. °F. | 1500 ft IF-50 | 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1942 | | | | | | | | | | | | | | | | | Rain unless otherwise noted |
| 178 | 10/11 | 2240 | 10/12 | 0200 | 3 | 20 | 3 | 20 | 0 | 62 | 0.91 | 0.28 | 1.4 | | 51.5 | 1.48 | 0.59 | |
| 179 | 10/28 | 0439 | 10/28 | 1630 | 11 | 51 | 11 | 51 | 0 | 16 | .93 | .24 | 1.5 | | 44.2 | .84 | 1.26 | |
| 180 | 11/18 | 2200 | 11/19 | 0730 | 9 | 30 | 9 | 30 | 0 | 21 | .67 | .12 | 1.4 | | 49.6 | .61 | .74 | |
| 180A | 12/4 | | 12/5 | | | | | | | 15 | T | | | | | | | |
| 181 | 12/23 | 1950 | 12/25 | 0100 | 29 | 10 | 19 | 0 | 2 | 18 | 1.45 | .28 | 0.9 | | 47.5 | 1.41 | 1.24 | |
| | 1943 | | | | | | | | | | | | | | | | | |
| 182 | 1/21 | 0900 | 1/23 | 2010 | 59 | 10 | 59 | 10 | 0 | 27 | 20.90 | .95 | 7.4 | | 45.6 | 15.14 | 25.72 | |
| 183 | 1/25 | 1639 | 1/27 | 0304 | 34 | 25 | 17 | 41 | 4 | 2 | 1.51 | .19 | 1.5 | | 45.7 | 1.19 | 1.50 | |
| 184 | 1/29 | 1651 | 1/31 | 0932 | 40 | 41 | 22 | 15 | 4 | 2 | 1.02 | .13 | 1.5 | | 46.0 | 1.24 | 1.41 | |
| 185 | 2/8 | 0115 | 2/8 | 1630 | 15 | 15 | 6 | 47 | 3 | 8 | .65 | .18 | 1.8 | | 41.8 | .66 | .68 | |
| 186 | 2/20 | 2100 | 2/24 | 0700 | 82 | 0 | 55 | 30 | 6 | 12 | 6.45 | .62 | 3.5 | | 45.4 | 5.29 | 10.63 | Little hail |
| 187 | 3/3 | 0510 | 3/5 | 0600 | 48 | 50 | 43 | 26 | 1 | 7 | 6.94 | .41 | 2.7 | | 47.2 | 6.22 | 9.79 | |
| 187A | 3/6 | | 3/6 | | | | | | | 1 | T | | | | | .07 | .02 | |
| 187B | 3/9 | 1300 | 3/10 | 0500 | 16 | 0 | 6 | 0 | 4 | 3 | .05 | .01 | | | | .06 | .02 | |
| 188 | 3/17 | 1330 | 3/18 | 0530 | 16 | 0 | 16 | 0 | 0 | 7 | .66 | .13 | 1.0 | | 45.3 | .62 | .66 | |
| 189 | 3/21 | 1730 | 3/22 | 0330 | 10 | 0 | 5 | 7 | 2 | 3 | .18 | .05 | | | 44.5 | .15 | .29 | |
| 190 | 4/5 | 1640 | 4/6 | 1830 | 25 | 50 | 18 | 40 | 2 | 14 | 1.54 | .29 | 1.4 | | 42.1 | 1.44 | 1.40 | Hail |
| 191 | 4/7 | 1630 | 4/8 | 1700 | 24 | 30 | 15 | 30 | 3 | 1 | .78 | .18 | 2.4 | | 44.7 | .48 | .69 | |
| 191A | 4/9 | 1140 | 4/9 | 1300 | 1 | 20 | 1 | 20 | 0 | 1 | .01 | | | | | | .04 | |
| 192 | 4/11 | 1845 | 4/12 | 0600 | 11 | 15 | 0 | 50 | 1 | 2 | .19 | .14 | | | 47.3 | ) | .14 | |
| 192A | 4/13 | 1430 | 4/13 | 1530 | 1 | 0 | 1 | 0 | 0 | 1 | .02 | .02 | | | | ) .09 | .17 | |
| 193 | 4/15 | 0140 | 4/16 | 0144 | 24 | 4 | 4 | 35 | 3 | 2 | .17 | .02 | | | 46.7 | .09 | .07 | |
| 194 | 6/1 | 1510 | 6/3 | 2000 | 52 | 50 | 8 | 19 | 2 | 46 | .16 | .02 | | | 51.6 | .04 | .01 | |
| 194A | 6/11 | 1830 | 6/12 | 1150 | 17 | 20 | 5 | 0 | 1 | 8 | .04 | .01 | | | | | .17 | |
| Total | | | | | | | | | | | 45.23 | | | | | 37.12 | 57.24 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1943-44

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Storm | | Actual raining time | | | Days | | Max. hrly | Wind speed | | Avg. storm | Range in precipitation | | |
| Storm number | Storm start Date | Time | Storm stop Date | Time | duration Hr. | Min. | Hr. | Min. | Breaks in storm | since last rain | Storm total | rain rate | Storm avg. | Max. hourly | temp. °F. | 1500 ft IF-50 | 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1943 | | | | | | | | | | | | | | | | | |
| 195 | 10/17 | 2400 | 10/18 | 1730 | 17 | 30 | 12 | 0 | 3 | 127 | 1.26 | 0.31 | 2.9 | | 47.6 | 1.33 | 1.16 | All rain |
| 195A | 10/27 | 1230 | 10/27 | 1615 | 3 | 45 | 3 | 45 | 0 | 9 | .03 | .01 | | | | .01 | .03 | |
| 195B | 10/29 | 0510 | 10/29 | 0800 | 2 | 50 | 2 | 50 | 0 | 2 | .03 | .02 | | | | .03 | .02 | |
| 196 | 11/17 | 1150 | 11/17 | 1615 | 4 | 25 | 4 | 25 | 0 | 19 | .29 | .08 | | | 53.3 | .23 | .46 | |
| 196A | 11/19 | 0900 | 11/19 | 1600 | 7 | 0 | 2 | 0 | 1 | 2 | .01 | .01 | | | | | .06 | |
| 196B | 11/21 | 0145 | 11/21 | 0630 | 4 | 45 | 4 | 45 | 0 | 2 | .02 | .01 | | | | .02 | .00 | |
| 197 | 12/5 | 0430 | 12/6 | 0503 | 24 | 33 | 10 | 0 | 3 | 14 | .32 | .13 | | | 39.8 | .38 | .49 | |
| 198 | 12/9 | 2400 | 12/12 | 1500 | 63 | 0 | 36 | 0 | 1 | 3 | 5.09 | .38 | 4.0 | | 45.4 | 3.75 | 5.32 | |
| 199 | 12/17 | 2301 | 12/21 | 1500 | 87 | 59 | 53 | 30 | 3 | 5 | 3.51 | .50 | 2.2 | | 49.6 | 2.69 | 4.65 | |
| 200 | 12/28 | 0915 | 12/30 | 2000 | 58 | 45 | 11 | 26 | 4 | 7 | 1.16 | .21 | 1.9 | | 39.5 | 1.19 | 1.37 | |
| | 1944 | | | | | | | | | | | | | | | | | |
| 200A | 1/2 | 1105 | 1/3 | 1230 | 25 | 25 | 7 | 15 | 2 | 3 | .07 | .01 | | | | .05 | .06 | |
| 200B | 1/4 | 0002 | 1/4 | 0150 | 1 | 48 | 1 | 48 | 0 | 1 | .01 | .01 | | | | .05 | .01 | |
| 201 | 1/5 | 2120 | 1/6 | 0130 | 4 | 10 | 4 | 10 | 0 | 1 | .37 | .16 | | | 42.3 | .38 | .34 | |
| 202 | 1/23 | 1500 | 1/24 | 0130 | 10 | 30 | 10 | 30 | 0 | 17 | .85 | .29 | 3.7 | | 42.7 | .93 | .73 | |
| 203 | 1/26 | 1120 | 1/27 | 1730 | 30 | 10 | 4 | 19 | 2 | 2 | .16 | .03 | | | 40.6 | .13 | .46 | |
| 203A | 1/30 | 0600 | 1/30 | 1100 | 5 | 0 | 5 | 0 | 0 | 3 | .08 | .04 | | | | | .10 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1943-44 (Cont'd)

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Storm number | Storm start Date | Time | Storm stop Date | Time | Storm duration Hr. | Min. | Actual raining time Hr. | Min. | Breaks in storm | Days since last rain | Storm total | Max. hrly rain rate | Wind speed Storm: Max. avg. | hourly | Avg. storm temp. °F. | Range in precipitation 1500 ft: IF-50 | 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | | MPH | | | Inches | |
| | 1944 (Cont'd) | | | | | | | | | | | | | | | | | Rain unless otherwise noted |
| 204 | 1/31 | 0515 | 1/31 | 2300 | 17 | 45 | 7 | 30 | 1 | 1 | .19 | .06 | | | 50.4 | .21 | .22 | |
| 205 | 2/3 | 1407 | 2/4 | 0200 | 11 | 53 | 11 | 53 | 0 | 3 | 1.24 | .31 | 1.7 | | 43.8 | 1.09 | .86 | |
| 206 | 2/8 | 0845 | 2/8 | 1655 | 8 | 10 | 8 | 10 | 0 | 4 | .91 | .29 | 5.6 | | 44.8 | .77 | 1.21 | |
| 207 | 2/14 | 1730 | 2/15 | 0245 | 9 | 15 | 9 | 15 | 0 | 6 | .47 | .09 | | | 36.5 | .49 | .59 | Snow |
| 208 | 2/17 | 0235 | 2/17 | 1400 | 11 | 25 | 6 | 0 | 1 | 2 | .18 | .08 | | | 38.5 | .12 | .21 | |
| 209 | 2/19 | 1430 | 2/22 | 1710 | 74 | 40 | 66 | 0 | 3 | 2 | 11.02 | .66 | 5.6 | | 38.4 | 6.90 | 16.40 | Snow |
| 210 | 2/23 | 1701 | 2/26 | 1515 | 70 | 14 | 20 | 37 | 3 | 1 | .72 | .14 | 1.4 | | 39.9 | .62 | .65 | |
| 211 | 2/29 | 1530 | 3/3 | 0434 | 61 | 4 | 44 | 49 | 6 | 3 | 2.38 | .37 | 1.5 | | 42.5 | 1.73 | 2.13 | |
| 212 | 3/4 | 1510 | 3/4 | 2200 | 6 | 50 | 6 | 50 | 0 | 1 | .22 | .07 | | | 44.2 | .25 | .17 | |
| 213 | 3/11 | 2300 | 3/13 | 2215 | 47 | 15 | 34 | 15 | 3 | 7 | .73 | .12 | 2.7 | | 44.6 | .76 | .89 | |
| 214 | 4/8 | 1500 | 4/8 | 1740 | 2 | 40 | 2 | 40 | 0 | 26 | .27 | .16 | | | 43.0 | .11 | .16 | |
| 215 | 4/26 | 2147 | 4/28 | 1400 | 40 | 13 | 19 | 13 | 5 | 18 | 1.49 | .32 | 1.8 | | 42.0 | 1.46 | 1.56 | |
| 215A | 5/30 | 0500 | 5/30 | 0800 | 3 | 0 | 3 | 0 | 0 | 32 | .01 | .01 | | | | | | |
| 216 | 6/1 | 1400 | 6/2 | 2120 | 31 | 20 | 17 | 23 | 6 | 2 | .22 | .03 | | | 50.3 | .08 | .04 | |
| 217 | 6/8 | 1000 | 6/9 | 1100 | 25 | 0 | 11 | 0 | 3 | 6 | .14 | .02 | | | 52.0 | .12 | .10 | |
| 217A | 9/30 | 0400 | 9/30 | 0530 | 1 | 30 | 1 | 30 | 0 | 113 | .01 | .01 | | | | .00 | .00 | |
| Total | | | | | | | | | | | 33.46 | | | | | 25.88 | 40.45 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1944-45

| 1 Storm number | 2 Storm start Date | 3 Storm start Time | 4 Storm stop Date | 5 Storm stop Time | 6 Storm duration Hr. | 6 Storm duration Min. | 7 Actual raining time Hr. | 7 Actual raining time Min. | 8 Breaks in storm | 9 Days since last rain | 10 Storm total | 11 Max. hrly rain rate | 12 Wind speed Storm avg. | 13 Wind speed Max. hourly | 14 Avg. storm temp. °F. | 15 Range in precipitation 1500 ft IF-50 | 15 Range in precipitation 5200 ft IF-32 | 16 Character of precipitation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | Rain unless otherwise noted |
| | 1944 | | | | | | | | | | | | | | | | | |
| 218A | 10/23 | 1320 | 10/23 | 1330 | 0 | 10 | 0 | 10 | 0 | 23 | T | | | | | 0.00 | 0.00 | |
| 218B | 10/27 | 1308 | 10/27 | 1510 | 2 | 2 | 2 | 2 | 0 | 4 | T | | | | | .05 | .03 | |
| 219 | 11/4 | 1735 | 11/7 | 0600 | 60 | 25 | 12 | 41 | 2 | 8 | 1.28 | 0.30 | 1.9 | | 51.2 | 1.17 | 1.40 | |
| 220 | 11/9 | 2400 | 11/12 | 1800 | 66 | 0 | 35 | 51 | 3 | 2 | 8.34 | .97 | 5.8 | | 47.4 | 8.04 | 11.85 | Hail |
| 221 | 11/13 | 1100 | 11/14 | 1715 | 30 | 15 | 20 | 44 | 1 | 1 | 1.39 | .19 | 2.1 | | 44.8 | 1.50 | 2.13 | Hail |
| 222 | 12/2 | 0008 | 12/2 | 1800 | 17 | 52 | 8 | 3 | 1 | 18 | .32 | .11 | 0.7 | | 44.8 | .20 | .22 | |
| 222A | 12/22 | 0830 | 12/22 | 1600 | 7 | 30 | 7 | 30 | 0 | 20 | .02 | .02 | | | | T | .02 | |
| 223 | 12/27 | 2130 | 12/29 | 0545 | 32 | 15 | 10 | 34 | 1 | 5 | 1.37 | .50 | 2.2 | | 41.4 | 1.19 | 1.21 | |
| | 1945 | | | | | | | | | | | | | | | | | |
| 224 | 1/19 | 0425 | 1/19 | 1815 | 13 | 50 | 11 | 50 | 1 | 21 | .64 | .16 | | | 39.0 | .26 | 1.03 | Hail |
| 225 | 1/31 | 0550 | 2/3 | 0200 | 68 | 10 | 54 | 40 | 3 | 12 | 6.18 | .53 | | | 47.3 | 5.31 | 8.01 | |
| 225A | 2/15 | 0925 | 2/15 | 1145 | 2 | 20 | 2 | 20 | 0 | 12 | .06 | .04 | | | | .06 | | |
| 226 | 2/17 | 1210 | 2/20 | 0330 | 63 | 20 | 7 | 0 | 5 | 2 | .53 | .12 | | | 46.2 | .72 | 1.11 | Snow |
| 226A | 2/24 | 1515 | 2/24 | 1645 | 1 | 30 | 1 | 30 | 0 | 4 | .08 | .07 | | | | .03 | .08 | |
| 227 | 2/27 | 0910 | 3/5 | 0800 | 142 | 50 | 65 | 1 | 6 | 3 | 2.58 | .32 | | | 37.9 | 2.68 | 3.81 | Snow Tanbark |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1944-45 (Cont'd)

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Storm number | Storm start | | Storm stop | | Storm duration | | Actual raining time | | Breaks in storm | Days since last rain | Storm total | Max. hrly rain rate | Wind speed | | Avg. storm temp. | Range in precipitation | | Character of precipitation |
| | Date | Time | Date | Time | Hr. | Min. | Hr. | Min. | | | | | Storm avg. | Max. hourly | | 1500 ft: IF-50 | 5200 ft IF-32 | |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | Rain unless otherwise noted |
| | 1945 (Cont'd) | | | | | | | | | | | | | | | | | |
| 228 | 3/13 | 0735 | 3/15 | 1600 | 56 | 25 | 22 | 55 | 2 | 8 | 2.46 | .36 | | | 44.7 | 2.49 | 2.18 | |
| 229 | 3/16 | 1530 | 3/17 | 0930 | 18 | 0 | 12 | 30 | 1 | 1 | .51 | .11 | | | 40.9 | .58 | .55 | |
| 230 | 3/21 | 0712 | 3/21 | 1830 | 11 | 18 | 11 | 18 | 0 | 4 | .86 | .30 | | | 39.4 | .82 | .83 | Rain, hail, snow |
| 231 | 3/22 | 0725 | 3/23 | 0215 | 18 | 50 | 15 | 15 | 1 | 1 | .72 | .13 | | | 37.8 | .58 | .77 | Snow |
| 232 | 3/25 | 2000 | 3/26 | 1900 | 23 | 0 | 13 | 30 | 1 | 2 | .80 | .17 | | | 39.7 | .56 | .94 | Hail |
| 232A | 4/1 | 1820 | 4/2 | 0210 | 7 | 50 | | | | 6 | .06 | .01 | | | | .03 | | |
| 233 | 4/8 | 2100 | 4/9 | 0430 | 7 | 30 | 4 | 0 | 1 | 6 | .50 | .28 | | | 39.8 | .51 | .46 | Snow |
| 233A | 4/25 | 1900 | 4/26 | 0300 | 8 | 0 | 8 | 0 | 0 | 16 | .03 | .01 | | | | .07 | | |
| 233B | 5/7 | 2300 | 5/9 | 0300 | 28 | 0 | 14 | 50 | 1 | 11 | .04 | .01 | | | | .03 | | |
| 233C | 5/12 | 1815 | 5/13 | 1700 | 22 | 45 | 22 | 45 | 0 | 3 | .02 | .01 | | | | | | |
| 233D | 5/31 | 0420 | 5/31 | 0450 | 0 | 30 | 0 | 30 | 0 | 18 | .01 | .01 | | | | | | |
| 233E | 6/5 | 0800 | 6/5 | 0900 | 1 | 0 | 1 | 0 | 0 | 5 | .03 | .03 | | | | .03 | | |
| 233F | 6/6 | 0001 | 6/6 | 0330 | 3 | 29 | 3 | 29 | 0 | 1 | .01 | T | | | | | | |
| 233G | 6/21 | 1830 | 6/21 | 2359 | 5 | 29 | 5 | 29 | 0 | 15 | T | | | | | | | |
| 234 | 8/1 | 1335 | 8/1 | 1416 | 0 | 41 | 0 | 41 | 0 | 41 | .15 | .15 | | | | .10 | ) | |
| 235 | 8/17 | 0835 | 8/18 | 1950 | 35 | 15 | 13 | 25 | 2 | 16 | .57 | .11 | | | | .62 | ) .55 | |
| 235A | 9/2 | 1600 | 9/2 | 1705 | 1 | 5 | 1 | 5 | 0 | 15 | .09 | .07 | | | | .15 | .08 | |
| Total | | | | | | | | | | | 29.65 | | | | | 27.78 | 37.26 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1945-46

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Actual | | | Days | | Max. | | | Avg. | Range in | | |
| | Storm start | | Storm stop | | Storm duration | | raining time | | Breaks in | since last | Storm total | hrly rain rate | Wind speed Storm avg. | Max. hourly | storm temp. | precipitation 1500 ft IF-50 | 5200 ft IF-32 | Character of precipitation |
| Storm number | Date | Time | Date | Time | Hr. | Min. | Hr. | Min. | storm | rain | | | | | °F. | | | |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1945 | | | | | | | | | | | | | | | | | |
| 236 | 10/6 | 1600 | 10/7 | 0715 | 15 | 15 | 5 | 1 | 1 | 34 | 0.60 | 0.36 | 3.4 | | 66.5 | 0.61 | 0.90 | Rain |
| 237 | 10/8 | 0345 | 10/8 | 0838 | 4 | 53 | 1 | 43 | 1 | 1 | .11 | .07 | 3.5 | | 62.0 | .21 | .03 | Rain |
| 238 | 10/29 | 0456 | 10/30 | 1130 | 30 | 34 | 20 | 51 | 3 | 21 | .51 | .05 | 3.5 | | 56.5 | .60 | .72 | Drizzles |
| 239 | 11/5 | 1600 | 11/6 | 2200 | 30 | 0 | 19 | 55 | 2 | 6 | .49 | .09 | 3.7 | | 48.6 | .27 | .58 | Rain, mist |
| 239A | 11/15 | 1540 | 11/16 | 0300 | 11 | 20 | 4 | 30 | 2 | 9 | .02 | .01 | | | | | | Mist |
| 239B | 11/29 | 1255 | 11/29 | 1310 | 0 | 15 | 0 | 15 | 0 | 13 | .01 | .01 | | | | | | Rain |
| 239C | 12/4 | 1810 | 12/4 | 1845 | 0 | 35 | 0 | 35 | 0 | 5 | .02 | .02 | | | | | | Rain |
| 240 | 12/11 | 1030 | 12/11 | 2310 | 12 | 40 | 5 | 45 | 2 | 7 | .35 | .21 | 3.3 | | 41.4 | .07 | .32 | Rain |
| 241 | 12/21 | 0118 | 12/25 | 0500 | 99 | 42 | 63 | 41 | 2 | 10 | 13.00 | 1.13 | 6.4 | | 47.6 | 11.43 | 14.72 | Rain |
| | 1946 | | | | | | | | | | | | | | | | | |
| 242 | 1/2 | 2050 | 1/3 | 0420 | 7 | 30 | 7 | 30 | 0 | 8 | .41 | .29 | 3.4 | | 41.5 | .30 | .30 | Rain |
| 242A | 1/4 | 2030 | 1/5 | 0750 | 11 | 20 | 11 | 20 | 0 | 1 | .06 | .01 | | | | .05 | .12 | Rain |
| 243 | 2/3 | 0600 | 2/3 | 1950 | 13 | 50 | 11 | 12 | 1 | 29 | 2.15 | .66 | 9.4 | | 39.8 | 1.53 | 3.25 | Rain, snow |
| 243A | 2/11 | 0500 | 2/11 | 0650 | 1 | 50 | 1 | 50 | 0 | 8 | .01 | T | | | | | .03 | Rain |
| 244 | 2/15 | 1857 | 2/15 | 2100 | 2 | 3 | 2 | 3 | 0 | 4 | .23 | .21 | 3.4 | | 39.0 | .26 | .18 | Rain, snow |
| 245 | 3/13 | 0955 | 3/13 | 1930 | 9 | 35 | 9 | 35 | 0 | 26 | .65 | .21 | 7.2 | | 41.8 | .51 | .70 | Rain, snow, hail |
| 246 | 3/18 | 2105 | 3/21 | 0210 | 53 | 5 | 34 | 4 | 4 | 5 | 1.01 | .12 | 4.1 | | 39.7 | .85 | 1.60 | Rain, snow |
| 247 | 3/28 | 0510 | 4/2 | 0740 | 122 | 30 | 55 | 34 | 5 | 7 | 6.45 | .51 | 5.3 | | 44.4 | 5.80 | 8.04 | Rain, snow |
| 247A | 4/6 | 0352 | 4/6 | 1935 | 15 | 43 | 1 | 8 | 2 | 4 | .06 | .04 | | | | .00 | .06 | Rain |
| 248 | 5/9 | 0030 | 5/10 | 2400 | 47 | 30 | 25 | 0 | 2 | 33 | .19 | .02 | 4.0 | | 49.2 | T | .15 | Rain |
| 248A | 5/20 | 1700 | 5/21 | 0400 | 11 | 0 | 11 | 0 | 0 | 10 | .05 | .02 | | | | .00 | .02 | Mist, very light |
| 249 | 5/26 | 0350 | 5/26 | 2200 | 18 | 10 | 9 | 40 | 2 | 5 | .10 | .03 | 2.1 | | 49.9 | .10 | .08 | Rain |
| 249A | 7/18 | 1310 | 7/19 | 1700 | 27 | 50 | 2 | 40 | 1 | 53 | .03 | .02 | 4.8 | | | .04 | | Thunder showers |
| 250 | 9/29 | 1245 | 9/29 | 1310 | 0 | 25 | 0 | 25 | 0 | 72 | .34 | .30 | 7.1 | 9.0 | 78.0 | .29 | .25 | Thunder showers |
| Total | | | | | | | | | | | 26.85 | | | | | 22.92 | 32.05 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1946-47

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Storm number | Storm start Date | Storm start Time | Storm stop Date | Storm stop Time | Storm duration Hr. | Storm duration Min. | Actual raining time Hr. | Actual raining time Min. | Breaks in storm | Days since last rain | Storm total | Max. hrly rain rate | Wind speed Storm avg. | Wind speed Max. hourly | Avg. storm temp. °F | Range in precipitation 1500 ft IF-50 | Range in precipitation 5200 Ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1946 | | | | | | | | | | | | | | | | | |
| 251 | 9/30 | 1925 | 10/1 | 1500 | 19 | 35 | 19 | 35 | 0 | 1 | 1.62 | 0.32 | 5.7 | 9.1 | 60.2 | 1.15 | 2.93 | Rain, drizzles |
| 252 | 10/3 | 1235 | 10/4 | 0500 | 16 | 25 | 9 | 15 | 1 | 2 | .62 | .37 | 7.0 | 9.2 | 41.5 | 1.07 | .86 | Rain, hail, electric |
| 253 | 10/16 | 0020 | 10/16 | 0540 | 5 | 20 | 5 | 20 | 0 | 12 | .32 | .14 | 5.2 | 7.2 | 47.7 | .20 | 1.53 | Rain |
| 254 | 10/26 | 2120 | 10/28 | 1855 | 45 | 35 | 38 | 10 | 3 | 10 | .98 | .13 | 4.1 | | 51.0 | .70 | | Rain |
| 254A | 11/7 | 2120 | 11/8 | 0440 | 7 | 20 | 7 | 20 | 0 | 10 | .05 | .01 | | | | .12 | | Rain |
| 255 | 11/10 | 2120 | 11/14 | 0930 | 84 | 10 | 71 | 10 | 3 | 2 | 5.98 | .38 | 6.2 | 12.1 | 42.1 | 5.06 | 8.00 | Rain |
| 256 | 11/19 | 2030 | 11/20 | 1510 | 18 | 40 | 18 | 40 | 0 | 5 | 4.40 | .52 | 6.6 | 12.8 | 46.4 | 3.50 | 6.50 | Rain |
| 257 | 11/23 | 0100 | 11/23 | 1700 | 16 | 0 | 16 | 0 | 0 | 3 | 1.74 | .40 | 2.9 | 4.5 | 51.5 | 1.64 | 2.20 | Rain |
| 258 | 12/5 | 1610 | 12/6 | 1840 | 26 | 30 | 12 | 20 | 2 | 12 | .48 | .16 | 4.3 | 6.6 | 46.8 | .66 | 8.04 | Rain |
| 259 | 12/23 | 1320 | 12/27 | 1830 | 101 | 10 | 75 | 10 | 3 | 17 | 5.40 | .39 | 4.5 | 9.3 | 49.2 | 4.21 | | Rain |
| | 1947 | | | | | | | | | | | | | | | | | |
| 259A | 1/12 | 2120 | 1/12 | 2400 | 2 | 40 | 2 | 40 | 0 | 16 | .01 | T | | | | T | | |
| 260 | 1/28 | 0010 | 1/28 | 1733 | 17 | 23 | 17 | 23 | 0 | 16 | 1.47 | .42 | 7.0 | 11.1 | 40.2 | 1.06 | 1.67 | Rain |
| 261 | 2/9 | 1045 | 2/9 | 1900 | 8 | 15 | 8 | 15 | 0 | 12 | .48 | .21 | 4.6 | 7.1 | 47.6 | .53 | 1.92 | Rain |
| 262 | 2/16 | 2255 | 2/18 | 1545 | 40 | 50 | 9 | 51 | 3 | 7 | 1.07 | .60 | 4.9 | 6.6 | 42.6 | .27 | | Snow, sleet |
| 262A | 2/27 | 1500 | 2/27 | 1820 | 3 | 20 | 3 | 20 | 0 | 9 | .01 | T | | | | .02 | | Rain |
| 263 | 3/3 | 1745 | 3/5 | 1330 | 43 | 45 | 14 | 15 | 2 | 4 | .45 | .22 | 3.8 | 5.2 | 43.4 | .51 | .46 | Rain |
| 263A | 3/18 | 1100 | 3/19 | 0010 | 13 | 10 | 13 | 10 | 0 | 13 | .09 | .01 | | | | .39 | | Rain |
| 264 | 3/20 | 1320 | 3/23 | 0810 | 66 | 50 | 22 | 0 | 5 | 1 | .70 | .38 | 4.9 | 7.2 | 48.0 | .36 | 1.54 | Drizzles |
| 265 | 3/27 | 1610 | 3/28 | 1220 | 20 | 10 | 20 | 10 | 0 | 4 | .73 | .11 | 4.1 | 7.6 | 50.9 | .70 | | Rain |
| 265A | 4/3 | 1545 | 4/3 | 1600 | 0 | 15 | 0 | 15 | 0 | 6 | .02 | .02 | | | | .21 | | Rain |
| 266 | 4/20 | 2210 | 4/22 | 0500 | 30 | 50 | 11 | 50 | 1 | 17 | .29 | .12 | 3.3 | 3.6 | 49.2 | .16 | .38 | Rain |
| 266A | 5/10 | 1020 | 5/10 | 1100 | 0 | 40 | 0 | 40 | 0 | 18 | .03 | .03 | | | | .03 | | Rain |
| 267 | 5/13 | 2140 | 5/15 | 0200 | 28 | 20 | 15 | 20 | 2 | 3 | .16 | .04 | | | 49.4 | .10 | | Rain |
| 268 | 5/26 | 1550 | 5/27 | 1630 | 24 | 40 | 17 | 0 | 2 | 11 | .13 | .03 | | | 50.3 | .10 | | Rain |
| 268A | 5/29 | 2230 | 5/30 | 0650 | 8 | 20 | 8 | 20 | 0 | 2 | .07 | .02 | | | | .05 | | Rain |
| 268B | 6/19 | 2340 | 6/20 | 2050 | 21 | 10 | 15 | 20 | 1 | 20 | .06 | .01 | | | | .06 | .30 | Rain |
| 268C | 8/8 | 0645 | 8/8 | 0935 | 2 | 50 | 0 | 50 | 1 | 49 | .05 | .04 | | | | T | | Rain |
| 269 | 9/17 | 0550 | 9/17 | 2030 | 14 | 40 | 14 | 40 | 0 | 40 | .27 | .05 | | | 57.4 | .15 | | Rain |
| Total | | | | | | | | | | | 27.68 | | | | | 23.01 | 36.33 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1947-48

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Storm | | Actual raining | | Breaks | Days since | | Max. hrly | Wind speed | | Avg. storm | Range in precipitation | | |
| Storm number | Storm start Date | Time | Storm stop Date | Time | duration Hr. | Min. | time Hr. | Min. | in storm | last rain | Storm total | rain rate | Storm avg. | Max. hourly | temp. °F. | 1500 ft IF-50 | 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1947 | | | | | | | | | | | | | | | | | |
| 269A | 11/1 | | 11/1 | | | | | | | 45 | T | | | | | | | |
| 270 | 11/9 | 1332 | 11/9 | 1400 | 0 | 28 | 0 | 28 | 0 | 8 | 0.08 | 0.08 | | | 52.0 | 0.08 | 0.07 | Rain |
| 270A | 11/15 | 1840 | 11/15 | 1845 | 0 | 5 | 0 | 5 | 0 | 6 | T | | | | | | | |
| 271 | 12/1 | 0930 | 12/2 | 0140 | 16 | 10 | 16 | 10 | 0 | 16 | .16 | .08 | 3.8 | 5.7 | 44.2 | .16 | .31 | Rain |
| 272 | 12/4 | 0230 | 12/5 | 1750 | 39 | 20 | 26 | 32 | 2 | 2 | 2.90 | .39 | 4.8 | 11.3 | 40.8 | 2.12 | 3.08 | Rain, hail, snow |
| 272A | 12/20 | 1630 | 12/20 | 1740 | 1 | 10 | 1 | 10 | 0 | 15 | .04 | .04 | | | | .04 | .05 | Rain |
| | 1948 | | | | | | | | | | | | | | | | | |
| 272B | 1/25 | 2310 | 1/26 | 0550 | 6 | 40 | 6 | 40 | 0 | 36 | .04 | .03 | | | | .02 | .06 | Rain |
| 273 | 2/1 | 2150 | 2/2 | 0420 | 6 | 30 | 6 | 30 | 0 | 6 | .16 | .06 | | | 39.0 | .08 | .11 | Rain |
| 274 | 2/4 | 2200 | 2/6 | 1550 | 41 | 50 | 30 | 30 | 3 | 2 | 3.62 | .49 | 7.0 | 16.9 | 36.0 | 2.88 | 4.76 | Rain, snow |
| 275 | 2/28 | 0720 | 2/28 | 1815 | 10 | 55 | 8 | 45 | 1 | 22 | .24 | .07 | 2.4 | 5.7 | 38.8 | .38 | .47 | Rain |
| 275A | 3/8 | 2110 | 3/9 | 0030 | 3 | 20 | 3 | 20 | 0 | 9 | .01 | .01 | | | | | .03 | Rain |
| 276 | 3/13 | 1610 | 3/14 | 2230 | 30 | 20 | 23 | 20 | 1 | 4 | 1.98 | .39 | 4.1 | 9.3 | 38.2 | 1.93 | 2.28 | Rain, snow, hail |
| 277 | 3/16 | 2040 | 3/17 | 1650 | 20 | 10 | 10 | 43 | 1 | 2 | .67 | .14 | 3.4 | 6.5 | 39.6 | .60 | .73 | Rain, hail, snow |
| 278 | 3/19 | 0810 | 3/20 | 0120 | 17 | 10 | 14 | 0 | 1 | 2 | .34 | .15 | 2.9 | 5.9 | 37.0 | .41 | .45 | Rain |
| 279 | 3/24 | 0950 | 3/25 | 0140 | 15 | 50 | 8 | 30 | 1 | 4 | .98 | .44 | 8.0 | 10.0 | 36.2 | .97 | 1.34 | Rain, hail |
| 279A | 3/29 | 0720 | 3/29 | 0850 | 1 | 30 | 1 | 30 | 0 | 4 | .03 | .02 | | | | | .06 | Rain |
| 280 | 4/2 | 0540 | 4/3 | 1400 | 32 | 20 | 26 | 50 | 2 | 4 | 1.57 | .33 | 4.5 | 13.7 | 43.6 | 1.01 | 1.82 | Rain |
| 281 | 4/5 | 1830 | 4/6 | 0320 | 8 | 50 | 8 | 50 | 0 | 2 | .35 | .10 | 3.1 | 5.9 | 38.6 | .59 | .34 | Rain |
| 282 | 4/10 | 0710 | 4/10 | 1310 | 6 | 0 | 6 | 0 | 0 | 4 | .15 | .05 | 3.4 | 4.8 | 48.0 | .20 | .18 | Rain |
| 283 | 4/28 | 1620 | 4/28 | 2230 | 6 | 10 | 6 | 10 | 0 | 18 | 1.65 | .49 | 14.2 | 18.0 | 45.7 | .80 | 2.50 | Thunder showers |
| 283A | 5/18 | 1310 | 5/18 | 2200 | 8 | 50 | 0 | 20 | 1 | 20 | .05 | .04 | | | | T | .10 | Rain |
| 283B | 5/27 | 1530 | 5/28 | 0500 | 13 | 30 | 13 | 30 | 0 | 9 | .02 | .01 | | | | | .05 | Rain |
| 283C | 5/30 | 1100 | 5/30 | 1400 | 3 | 0 | 3 | 0 | 0 | 2 | .06 | .04 | | | | .09 | .20 | Rain |
| 284 | 5/31 | 2330 | 6/2 | 1110 | 35 | 40 | 19 | 30 | 4 | 1 | .73 | .45 | 3.5 | 6.5 | 50.3 | .31 | .52 | Rain |
| Total | | | | | | | | | | | 15.83 | | | | | 12.67 | 19.51 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1948-49

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Actual | | | | | Max. | | | Avg. | Range in | | |
| | Storm start | | Storm stop | | Storm duration | | raining time | | Breaks in | Days since last | Storm total | hrly rain rate | Wind speed Storm avg. | Wind speed Max. hourly | storm temp. | precipitation 1500 ft IF-50 | precipitation 5200 ft IF-32 | Character of precipitation |
| Storm number | Date | Time | Date | Time | Hr. | Min. | Hr. | Min. | storm | rain | | | | | | | | |
| | | | | | | | | | | | Inches | IPH | MPH | | °F. | Inches | | |
| | 1948 | | | | | | | | | | | | | | | | | |
| 285 | 10/17 | 1050 | 10/18 | 1020 | 23 | 30 | 10 | 40 | 2 | 137 | 0.43 | 0.11 | 4.3 | 10.8 | 57.8 | 0.36 | 0.60 | Rain |
| 286 | 10/29 | 1430 | 10/30 | 0800 | 17 | 30 | 4 | 40 | 2 | 11 | .11 | .03 | 2.4 | 3.1 | 44.8 | .16 | .10 | Rain |
| 286A | 11/3 | 1410 | 11/3 | 1500 | 0 | 50 | 0 | 50 | 0 | 4 | T | T | | | | | | Rain |
| 287 | 12/3 | 1640 | 12/3 | 2400 | 7 | 20 | 2 | 20 | 1 | 30 | .54 | .43 | 8.3 | 12.8 | 36.2 | .52 | .72 | Rain |
| 288 | 12/16 | 2030 | 12/17 | 1650 | 20 | 20 | 13 | 30 | 2 | 13 | 1.78 | .30 | 4.4 | 8.2 | 37.0 | 1.88 | 2.18 | Rain |
| 289 | 12/22 | 0610 | 12/23 | 0150 | 19 | 40 | 10 | 20 | 1 | 5 | .40 | .12 | 2.6 | 4.6 | 38.7 | .37 | .47 | Rain |
| 290 | 12/26 | 1540 | 12/27 | 1430 | 22 | 50 | 13 | 20 | 2 | 3 | 1.24 | .22 | 4.8 | 10.2 | 40.5 | 1.18 | 1.67 | Rain |
| | 1949 | | | | | | | | | | | | | | | | | |
| 291 | 1/8 | 2330 | 1/14 | 1240 | 133 | 10 | 55 | 40 | 8 | 12 | 1.40 | .15 | 3.4 | 11.5 | 31.0 | 1.58 | 3.18 | Hail, snow |
| 292 | 1/19 | 0950 | 1/21 | 0300 | 41 | 10 | 32 | 35 | 1 | 5 | 2.28 | .19 | 3.0 | 5.4 | 38.3 | 2.20 | 2.25 | Snow, rain |
| 293 | 1/22 | 0820 | 1/24 | 0140 | 41 | 20 | 20 | 40 | 3 | 1 | .99 | .16 | 2.7 | 7.4 | 29.9 | .84 | .95 | Snow, rain |
| 294 | 2/3 | 0830 | 2/3 | 1930 | 11 | 0 | 3 | 40 | 1 | 10 | .31 | .10 | 1.8 | 2.5 | 34.7 | .36 | .30 | Snow |
| 295 | 2/7 | 0538 | 2/7 | 1710 | 11 | 32 | 11 | 32 | 0 | 4 | .44 | .16 | 2.3 | 3.9 | 34.3 | .42 | .47 | Snow |
| 296 | 2/11 | 1410 | 2/11 | 1905 | 4 | 55 | 4 | 55 | 0 | 4 | .65 | .19 | 6.5 | 8.7 | 37.7 | .74 | .60 | Rain |
| 297 | 2/24 | 0615 | 2/25 | 0310 | 20 | 55 | 13 | 50 | 2 | 13 | .93 | .18 | 4.7 | 8.2 | 40.4 | .83 | 1.06 | Rain |
| 298 | 2/26 | 1440 | 2/28 | 0200 | 35 | 20 | 21 | 50 | 2 | 1 | 1.19 | .22 | 3.3 | 7.8 | 37.1 | .90 | .83 | Rain |
| 298A | 3/2 | 1150 | 3/3 | 0340 | 15 | 50 | 10 | 20 | 1 | 2 | .08 | .02 | | | | .08 | .17 | Rain |
| 299 | 3/4 | 1520 | 3/4 | 2100 | 5 | 40 | 5 | 40 | 0 | 1 | .71 | .20 | 2.2 | 2.5 | 39.2 | .53 | .42 | Rain |
| 300 | 3/7 | 0615 | 3/7 | 1130 | 5 | 15 | 0 | 55 | 1 | 3 | .11 | .09 | 4.2 | 6.3 | 39.2 | .16 | .09 | Rain |
| 301 | 3/10 | 2105 | 3/11 | 0430 | 7 | 25 | 7 | 25 | 0 | 3 | .66 | .16 | 5.8 | 6.3 | 41.5 | .73 | .79 | Rain |
| 302 | 3/19 | 1350 | 3/20 | 0200 | 12 | 10 | 12 | 10 | 0 | 8 | .36 | .14 | 3.8 | 5.7 | 42.0 | .42 | .45 | Rain |
| 303 | 3/22 | 1750 | 3/24 | 1330 | 43 | 40 | 3 | 30 | 3 | 2 | .27 | .11 | 5.7 | 9.3 | 37.2 | .07 | .29 | Rain, hail |
| 303A | 3/28 | 0450 | 3/28 | 0610 | 1 | 20 | 1 | 20 | 0 | 4 | .04 | .03 | | | | .10 | .01 | Rain |
| 304 | 3/30 | 1700 | 3/31 | 0200 | 9 | 0 | 4 | 45 | 1 | 2 | .14 | .04 | 4.9 | 7.2 | 33.2 | .01 | .15 | Rain, snow |
| 304A | 4/1 | 1800 | 4/2 | 0640 | 12 | 40 | 1 | 55 | 1 | 1 | .02 | .02 | | | | .07 | .08 | Rain |
| 304B | 4/14 | 2310 | 4/15 | 0400 | 4 | 50 | 4 | 50 | 0 | 12 | .02 | .01 | | | | .01 | .01 | Rain |
| 304C | 4/17 | 0109 | 4/17 | 0220 | 1 | 11 | 1 | 11 | 0 | 2 | .02 | .02 | | | | .02 | | Light rain |
| 304D | 4/18 | 1423 | 4/19 | 0630 | 16 | 7 | 16 | 7 | 0 | 1 | .03 | T | | | | .02 | .02 | Rain, mist |
| 305 | 5/13 | 1630 | 5/19 | 1300 | 140 | 30 | 82 | 25 | 9 | 24 | 1.79 | .08 | 3.5 | 7.2 | 45.0 | 1.39 | 1.70 | Showers |
| Total | | | | | | | | | | | 16.94 | | | | | 15.95 | 19.56 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1949-50

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Storm | | Actual raining | | Breaks | Days since | | Max. hrly | Wind speed | | Avg. storm | Range in precipitation | | |
| Storm number | Storm start Date | Time | Storm stop Date | Time | duration Hr. | Min. | time Hr. | Min. | in storm | last rain | Storm total | rain rate | Storm avg. | Max. hourly | temp. °F. | 1500 ft IF-50 | 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1949 | | | | | | | | | | | | | | | | | |
| 305A | 10/7 | 1355 | 10/7 | 1450 | 0 | 55 | 0 | 55 | 0 | 141 | 0.01 | 0.01 | | | | 0.01 | 0.03 | Light rain |
| 306 | 10/15 | 1710 | 10/19 | 0250 | 81 | 40 | 8 | 22 | 4 | 8 | .17 | .04 | | | 49.0 | .17 | .21 | Rain, sleet, snow |
| 306A | 11/8 | 0530 | 11/8 | 0710 | 1 | 40 | 1 | 40 | 0 | 20 | .05 | .05 | | | | .03 | .02 | Rain |
| 307 | 11/9 | 1420 | 11/10 | 1430 | 24 | 10 | 24 | 10 | 0 | 1 | 3.87 | .51 | 6.7 | 14.8 | 57.2 | 3.09 | 4.71 | Rain, snow, hail |
| 308 | 12/7 | 2125 | 12/10 | 0310 | 53 | 45 | 13 | 5 | 3 | 27 | .54 | .14 | | | 48.2 | .42 | .62 | Rain, light snow |
| 309 | 12/17 | 1415 | 12/19 | 1515 | 49 | 0 | 39 | 55 | 2 | 7 | 5.42 | .54 | 3.9 | 8.7 | 45.2 | 5.19 | 6.42 | Rain, snow |
| | 1950 | | | | | | | | | | | | | | | | | |
| 310 | 1/2 | 1645 | 1/2 | 2030 | 3 | 45 | 3 | 45 | 0 | 14 | .15 | .09 | 3.7 | 6.5 | 40.5 | .10 | .27 | Rain, snow |
| 311 | 1/8 | 0845 | 1/8 | 2050 | 12 | 5 | 12 | 5 | 0 | 6 | 1.56 | .55 | 5.1 | 11.1 | 42.0 | 1.23 | 1.64 | Rain, snow |
| 312 | 1/11 | 0925 | 1/12 | 1225 | 27 | 0 | 11 | 15 | 2 | 3 | 1.11 | .25 | 3.5 | 8.5 | 35.0 | 1.07 | 1.11 | Rain, snow |
| 313 | 1/14 | 1340 | 1/14 | 1625 | 2 | 45 | 2 | 45 | 0 | 2 | .10 | .04 | 2.3 | 3.3 | 42.5 | .12 | .19 | Rain |
| 314 | 1/28 | 1425 | 1/29 | 1020 | 19 | 55 | 17 | 50 | 1 | 14 | .64 | .08 | 2.0 | 2.4 | 38.1 | .65 | .75 | Rain |
| 315 | 2/5 | 0725 | 2/6 | 2355 | 40 | 30 | 27 | 15 | 2 | 7 | 2.56 | .63 | 2.8 | 6.1 | 47.4 | 2.50 | 2.92 | Rain |
| 316 | 2/10 | 0305 | 2/11 | 0310 | 24 | 5 | 20 | 45 | 1 | 4 | .50 | .09 | 3.0 | 6.3 | 45.9 | .44 | .59 | Rain |
| 316A | 3/2 | 0010 | 3/2 | 0250 | 2 | 40 | | | | 19 | T | | | | | | | |
| 317 | 3/24 | 1535 | 3/25 | 0250 | 11 | 15 | 11 | 15 | 0 | 22 | 1.74 | .49 | 5.3 | 9.8 | 39.6 | 1.90 | 2.15 | Rain, snow |
| 318 | 4/8 | 0320 | 4/9 | 0440 | 25 | 20 | 15 | 20 | 3 | 14 | 1.87 | .35 | 6.1 | 13.9 | 40.8 | 1.39 | 2.25 | Rain, hail, snow |
| 318A | 4/22 | 1645 | 4/24 | 0200 | 33 | 15 | 16 | 45 | 1 | 13 | .06 | .01 | 3.4 | 4.6 | | .00 | .00 | Drizzles |
| 319 | 4/27 | 1605 | 4/28 | 2330 | 31 | 25 | 12 | 50 | 1 | 3 | .10 | .04 | | | 46.6 | .06 | .07 | Light rain |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1949-50 (Cont'd)

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Actual | | | Days | | Max. | | | Avg. | Range in | | |
| | Storm start | | Storm stop | | Storm duration | | raining time | | Breaks in | since last | Storm total | hrly. rain rate | Wind speed Storm avg. | Wind speed Max. hourly | storm temp. °F. | precipitation 1500 ft IF-50 | precipitation 5200 ft IF-32 | Character of precipitation |
| Storm number | Date | Time | Date | Time | Hr. | Min. | Hr. | Min. | storm | rain | Inches | IPH | MPH | MPH | | Inches | Inches | |
| | 1950 (Cont'd) | | | | | | | | | | | | | | | | | |
| 319A | 5/1 | 0140 | 5/1 | 0550 | | | | | | 3 | T | | | | | .02 | T | Drizzle |
| 319B | 5/2 | 2140 | 5/3 | 2230 | 24 | 50 | 2 | 10 | 3 | 1 | .07 | .05 | 3.1 | 3.5 | | .03 | .08 | Light rain |
| 320 | 5/16 | 2210 | 5/17 | 1930 | 21 | 20 | 19 | 20 | 1 | 13 | .12 | .01 | 3.0 | 4.0 | 46.4 | .05 | .03 | Light rain |
| 320A | 5/23 | 0030 | 5/23 | 0540 | 5 | 10 | 5 | 10 | 0 | 6 | .02 | .01 | | | | .00 | .01 | Light rain |
| 320B | 6/6 | 0615 | 6/6 | 1420 | 8 | 5 | 8 | 5 | 0 | 14 | .08 | .02 | 4.4 | 5.2 | | .02 | .01 | Light rain |
| 320C | 6/24 | 0225 | 6/24 | 0640 | | | | | | 18 | T | | | | | .00 | | |
| 320D | 7/9 | 0135 | 7/9 | 0145 | | | | | | 15 | T | | | | | | | |
| 320E | 7/24 | 0525 | 7/24 | 0615 | | | | | | 15 | T | | | | | | | |
| 320F | 9/3 | | 9/3 | | | | | | | 41 | T | | | | | | | |
| 320G | 9/4 | | 9/4 | | | | | | | 1 | T | | | | | | | |
| 320H | 9/5 | | 9/5 | | | | | | | 1 | T | | | | | | | |
| 320I | 9/6 | 1435 | 9/6 | 1440 | 0 | 5 | 0 | 5 | 0 | 1 | .04 | .04 | | | | .04 | .00 | Shower |
| Total | | | | | | | | | | | 20.78 | | | | | 18.53 | 24.08 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1950-51

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Actual | | | Days | | Max. | | | Avg. | Range in | | |
| Storm | Storm start | | Storm stop | | Storm duration | | raining time | | Breaks in | since last | Storm total | hrly rain rate | Wind speed Storm avg. | Max. hourly | storm temp. | precipitation 1500 ft IF-50 | 5200 ft IF-32 | Character of precipitation |
| number | Date | Time | Date | Time | Hr. | Min. | Hr. | Min. | storm | rain | | | | | °F. | | | |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1950 | | | | | | | | | | | | | | | | | |
| 321 | 10/26 | 1900 | 10/27 | 0525 | 10 | 25 | 10 | 25 | 0 | 50 | 0.26 | 0.06 | | 2.7 | 55.0 | 0.19 | 0.20 | Rain |
| 321A | 10/31 | 0015 | 10/31 | 0040 | 0 | 25 | 0 | 25 | 0 | 4 | .02 | .02 | | | | .00 | .01 | Rain |
| 322 | 11/13 | 1040 | 11/15 | 0820 | 45 | 40 | 12 | 0 | 3 | 13 | 1.25 | .53 | 2.2 | 3.4 | 42.4 | .98 | 1.60 | Rain, hail, snow |
| 323 | 11/18 | 1200 | 11/19 | 2335 | 35 | 35 | 17 | 33 | 3 | 3 | .32 | .08 | 2.3 | 4.4 | 54.5 | .42 | .42 | Light rain |
| | 1951 | | | | | | | | | | | | | | | | | |
| 323A | 1/4 | 1900 | 1/4 | 1930 | 0 | 30 | 0 | 30 | 0 | 46 | .02 | .02 | | | | .03 | .04 | Shower |
| 324 | 1/10 | 1035 | 1/10 | 1225 | 1 | 50 | 1 | 50 | 0 | 6 | .34 | .25 | 5.0 | 7.2 | 41.8 | .35 | .35 | Rain, snow |
| 325 | 1/11 | 1220 | 1/11 | 1730 | 5 | 10 | 5 | 10 | 0 | 1 | 1.20 | .80 | 6.6 | 8.9 | 37.3 | 1.48 | 1.27 | Rain, hail, snow |
| 326 | 1/16 | 0525 | 1/16 | 0735 | 2 | 10 | 2 | 10 | 0 | 5 | .17 | .11 | 3.9 | 5.7 | 35.5 | .15 | .20 | Rain |
| 327 | 1/18 | 1855 | 1/19 | 0625 | 11 | 30 | 11 | 30 | 0 | 2 | .64 | .13 | 2.3 | 5.2 | 45.3 | .91 | .54 | Rain |
| 328 | 1/27 | 2010 | 1/30 | 0345 | 55 | 35 | 31 | 32 | 4 | 8 | 1.46 | .36 | 4.1 | 6.7 | 44.4 | 1.22 | 1.42 | Rain, light snow |
| 329 | 2/11 | 1910 | 2/12 | 0145 | 6 | 35 | 6 | 35 | 0 | 12 | .14 | .05 | 3.9 | 7.2 | 46.2 | .22 | .12 | Rain |
| 330 | 2/22 | 1655 | 2/24 | 0220 | 33 | 25 | 5 | 5 | 3 | 10 | .27 | .12 | 3.1 | 4.8 | 34.0 | .28 | .59 | Rain, snow |
| 330A | 2/25 | | 2/25 | | | | | | | 1 | T | | | | | | | Drizzles |
| 331 | 2/26 | 1830 | 2/27 | 0410 | 9 | 40 | 9 | 40 | 0 | 1 | .84 | .28 | 3.1 | 5.4 | 33.9 | .72 | 1.10 | Rain, snow |
| 332 | 3/1 | 0050 | 3/1 | 2355 | 23 | 5 | 17 | 35 | 1 | 2 | .84 | .20 | 2.5 | 5.0 | 33.4 | .73 | 1.36 | Rain, snow |
| 332A | 3/27 | 0110 | 3/27 | 0700 | | | | | | 26 | T | | | | | .00 | | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1950-51 (Cont'd)

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Actual | | | Days | | Max. | | | Avg. | Range in | | |
| | | | | | Storm | | raining | | Breaks | since | | hrly | Wind speed | | storm | precipitation | | |
| Storm number | Storm start Date | Time | Storm stop Date | Time | duration Hr. | Min. | time Hr. | Min. | in storm | last rain | Storm total | rain rate | Storm avg. | Max. hourly | temp. °F. | 1500 ft IF-50 | 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1951 (Cont'd) | | | | | | | | | | | | | | | | | |
| 332B | 3/29 | 2235 | 3/30 | 0300 | 4 | 25 | 4 | 25 | 0 | 2 | .04 | .01 | 3.9 | 5.4 | | .01 | .01 | Rain |
| 333 | 4/3 | 1925 | 4/6 | 2240 | 75 | 15 | 37 | 0 | 4 | 4 | .86 | .25 | 2.5 | 6.5 | 47.6 | .63 | .59 | Rain |
| 333A | 4/15 | | 4/16 | | | | | | | | T | | | | | .02 | .00 | Drizzles |
| 333B | 4/18 | 2030 | 4/21 | 0410 | 55 | 40 | 15 | 0 | 2 | 12 | .05 | T | 2.3 | 2.9 | | .00 | .25 | Light rain |
| 334 | 4/25 | 0420 | 4/25 | 1555 | 11 | 45 | 11 | 45 | 0 | 4 | 1.00 | .30 | 5.9 | 9.8 | 45.6 | .83 | 1.14 | Rain |
| 335 | 4/28 | 1640 | 4/29 | 1805 | 25 | 25 | 14 | 5 | 1 | 3 | 1.58 | .56 | 7.7 | 12.4 | 42.6 | 1.66 | 2.30 | Rain, hail |
| 335A | 5/11 | 0410 | 5/11 | 0500 | 0 | 50 | 0 | 50 | 0 | 12 | T | | | | | .00 | .00 | Light rain |
| 336 | 5/13 | 2215 | 5/14 | 0620 | 8 | 5 | 3 | 25 | 1 | 2 | .14 | .09 | 2.5 | 4.2 | 38.8 | .16 | .16 | Rain |
| 336A | 6/5 | 0030 | 6/5 | 0500 | | | | | | 22 | T | | | | | | | |
| 336B | 6/8 | 0030 | 6/8 | 0400 | | | | | | 3 | T | | | | | | | |
| 336C | 7/28 | | 7/28 | | | | | | | 50 | T | | | | | | | |
| 336D | 8/29 | 0730 | 8/29 | 0900 | | | | | | 32 | T | | | | | | | |
| 336E | 9/28 | 0020 | 9/28 | 0235 | 2 | 15 | 2 | 15 | 0 | 30 | .03 | .02 | | | | .03 | .15 | Light rain |
| Total | | | | | | | | | | | 11.47 | | | | | 11.02 | 13.82 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1951-52

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Storm number | Storm Start Date | Storm Start Time | Storm Stop Date | Storm Stop Time | Strom duration Hr. | Strom duration Min. | Actual raining time Hr. | Actual raining time Min. | Breaks in storm | Days since last rain | Storm total | Max. hrly rain rate | Wind speed Storm avg. | Wind speed Max. hourly | Avg. storm temp. °F. | Range in precipitation 1500 ft: IF-50 | Range in precipitation 5200 ft: IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | INCHES | | |
| | 1951 | | | | | | | | | | | | | | | | | |
| 337 | 10/24 | 2130 | 10/25 | 1930 | 22 | 0 | 8 | 10 | 1 | 26 | 1.80 | 0.42 | 8.1 | 14.5 | 48.2 | 1.35 | 2.10 | Rain |
| 337A | 10/29 | 2050 | 10/30 | 0200 | 5 | 10 | 5 | 10 | 0 | 4 | .01 | .01 | | | | | | Light rain |
| 338 | 11/19 | 1450 | 11/23 | 1800 | 99 | 10 | 62 | 7 | 6 | 20 | 2.73 | .40 | 5.5 | 10.0 | 43.3 | 2.51 | 3.69 | Rain, snow |
| 339 | 12/1 | 1740 | 12/2 | 0300 | 9 | 20 | 9 | 20 | 0 | 8 | .50 | .13 | 1.8 | 3.3 | 49.3 | .65 | .40 | Rain |
| 339A | 12/3 | 1610 | 12/4 | 0200 | 9 | 50 | 9 | 50 | 0 | 1 | .01 | .01 | | | | | .03 | Rain |
| 340 | 12/4 | 1815 | 12/5 | 0250 | 8 | 35 | 8 | 35 | 0 | 1 | 2.22 | .63 | 3.7 | 7.8 | 46.0 | 1.61 | 2.16 | Rain |
| 341 | 12/11 | 1850 | 12/12 | 1500 | 20 | 10 | 15 | 22 | 1 | 6 | 1.82 | .28 | 5.4 | 10.0 | 46.6 | 1.60 | 1.86 | Rain, snow |
| 342 | 12/19 | 0120 | 12/19 | 0900 | 7 | 40 | 7 | 40 | 0 | 7 | .58 | .20 | 3.0 | 6.3 | 41.1 | .38 | .53 | Rain |
| 343 | 12/28 | 0844 | 12/30 | 1920 | 58 | 36 | 50 | 51 | 2 | 9 | 5.92 | .43 | 3.4 | 9.1 | 47.3 | 6.26 | 6.20 | Rain, snow |
| | 1952 | | | | | | | | | | | | | | | | | |
| 344 | 1/6 | 2240 | 1/8 | 0700 | 32 | 20 | 6 | 50 | 1 | 7 | .56 | .17 | 5.4 | 9.8 | 36.2 | .47 | .77 | Rain, snow |
| 345 | 1/12 | 1250 | 1/13 | 1050 | 22 | 0 | 22 | 0 | 0 | 4 | 3.43 | .56 | 7.0 | 14.4 | 40.1 | 2.37 | 4.09 | Rain, snow |
| 346 | 1/15 | 0325 | 1/18 | 1350 | 82 | 25 | 56 | 52 | 2 | 2 | 7.54 | .62 | 5.0 | 11.9 | 41.6 | 6.55 | 8.93 | Rain, snow |
| 347 | 1/24 | 2100 | 1/25 | 1330 | 16 | 30 | 16 | 30 | 0 | 6 | .86 | .12 | 2.4 | 4.6 | 44.2 | .76 | .92 | Rain |
| 347A | 2/9 | 1650 | 2/9 | 1720 | 0 | 30 | 0 | 30 | | 15 | T | | | | | .05 | .02 | Rain |
| 347B | 2/11 | 1440 | 2/11 | 2000 | 5 | 20 | 5 | 20 | 0 | 2 | .02 | .01 | | | | .13 | .02 | Rain |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1951-52 (Cont'd)

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Actual | | | Days | | Max. | | | Avg. | Range in | | |
| | | | | | Storm | | raining | | Breaks | since | | hrly | Wind speed | | storm | precipitation | | |
| Storm number | Storm Start Date | Time | Storm Stop Date | Time | duration Hr. | Min. | time Hr. | Min. | in storm | last rain | Storm total | rain rate | Storm avg. | Max. hourly | temp. °F. | 1500 ft IF-50 | 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | INCHES | | |
| | 1952 (Cont'd) | | | | | | | | | | | | | | | | | |
| 347C | 2/17 | 2100 | 2/17 | 2130 | 0 | 30 | 0 | 30 | 0 | 6 | .09 | .09 | | | | .02 | .10 | Rain |
| 347D | 2/23 | 1750 | 2/24 | 0200 | 8 | 10 | 8 | 10 | | 6 | T | .01 | | | | | | Rain |
| 348 | 2/29 | 0850 | 3/1 | 1705 | 32 | 15 | 18 | 9 | 3 | 5 | 1.56 | .25 | 5.0 | 9.8 | 41.1 | .99 | 1.62 | Rain, snow |
| 349 | 3/6 | 2210 | 3/8 | 1800 | 43 | 50 | 22 | 20 | 1 | 5 | 3.22 | .30 | 3.2 | 7.8 | 35.2 | 3.86 | 3.98 | Rain, snow |
| 350 | 3/10 | 0700 | 3/11 | 0400 | 21 | 0 | 21 | 0 | 0 | 2 | 1.02 | .19 | 6.3 | 11.7 | 37.8 | .84 | 1.26 | Rain, snow |
| 351 | 3/12 | 1440 | 3/13 | 2000 | 29 | 20 | 10 | 20 | 2 | 1 | .52 | .13 | 2.6 | 6.1 | 34.3 | .41 | .50 | Rain, snow |
| 352 | 3/14 | 1500 | 3/16 | 1500 | 48 | 0 | 34 | 20 | 2 | 1 | 3.29 | .36 | 4.8 | 17.3 | 36.9 | 3.10 | 5.99 | Rain, snow |
| 353 | 4/7 | 1240 | 4/8 | 0300 | 14 | 20 | 14 | 20 | 0 | 22 | .98 | .30 | 6.3 | 8.5 | 45.7 | 1.02 | 1.87 | Rain |
| 354 | 4/10 | 0820 | 4/11 | 0250 | 18 | 30 | 13 | 56 | 1 | 2 | .36 | .11 | 4.1 | 7.8 | 41.4 | .28 | .50 | Rain |
| 355 | 4/19 | 0600 | 4/20 | 0600 | 24 | 0 | 19 | 21 | 2 | 8 | .28 | .07 | | | 44.4 | .76 | .38 | Rain |
| 356 | 4/25 | 0010 | 4/29 | 0620 | 102 | 10 | 39 | 12 | 7 | 5 | 1.16 | .23 | 4.1 | 8.9 | 44.3 | .71 | 1.24 | Rain |
| 356A | 6/26 | 0030 | 6/26 | 0140 | 1 | 10 | 1 | 10 | 0 | 58 | .03 | .02 | | | | | | Rain |
| 356B | 7/27 | 1500 | 7/27 | 1520 | 0 | 20 | 0 | 20 | 0 | 31 | .03 | .03 | | | | | | Rain |
| 356C | 8/28 | 0830 | 8/28 | 0835 | 0 | 5 | 0 | 5 | 0 | 32 | .02 | .02 | | | | | | Rain |
| 357 | 9/19 | 0530 | 9/20 | 0240 | 21 | 10 | 10 | 30 | 2 | 22 | .46 | .09 | 5.1 | 8.9 | 64.8 | .35 | .57 | Rain |
| 357A | 9/25 | 0852 | 9/25 | 0910 | 0 | 18 | 0 | 18 | 0 | 5 | .05 | .05 | | | | .00 | .03 | Rain |
| 357B | 9/26 | 1156 | 9/26 | 1220 | 0 | 24 | 0 | 24 | 0 | 1 | .03 | .03 | | | | .00 | .02 | Rain |
| Total | | | | | | | | | | | 41.10 | | | | | 37.03 | 49.78 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1952-53

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Storm | | Actual raining | | | Days | | Max. hrly | Wind speed | | Avg. storm | Range in precipitation | | |
| Storm Number | Storm start Date | Time | Storm stop Date | Time | duration Hr. | Min. | time Hr. | Min. | Breaks in storm | since last rain | Storm total | rain rate | Storm avg. | Max. hourly | temp. °F. | 1500 ft IF-50 | 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1952 | | | | | | | | | | | | | | | | | |
| 358 | 11/7 | 2030 | 11/8 | 0520 | 8 | 50 | 8 | 50 | 0 | 42 | 0.65 | 0.27 | 4.3 | 8.5 | 47.6 | 0.77 | 0.76 | Rain |
| 359 | 11/14 | 0920 | 11/16 | 0200 | 40 | 40 | 22 | 27 | 3 | 6 | 2.84 | .49 | 4.6 | 11.5 | 37.4 | 2.72 | 3.77 | Rain, snow, hail |
| 360 | 11/22 | 1820 | 11/22 | 2400 | 5 | 40 | 5 | 40 | 0 | 6 | .29 | .13 | 7.2 | 11.1 | 35.0 | .51 | .55 | Rain, snow |
| 361 | 11/29 | 2230 | 11/30 | 1540 | 17 | 10 | 5 | 40 | 1 | 7 | .72 | .37 | 3.5 | 6.5 | 40.0 | .58 | .74 | Rain, snow |
| 362 | 12/1 | 1300 | 12/1 | 2230 | 9 | 30 | 9 | 30 | 0 | 1 | 1.71 | .67 | 6.2 | 13.2 | 44.4 | 1.34 | 2.26 | Rain, snow |
| 363 | 12/5 | 2240 | 12/6 | 0200 | 3 | 20 | 3 | 20 | 0 | 4 | .10 | .05 | 1.6 | 1.8 | 42.2 | .07 | .10 | Rain |
| 363A | 12/17 | 1230 | 12/17 | 1600 | 3 | 30 | 3 | 30 | 0 | 11 | .02 | T | 3.3 | 3.3 | | .06 | .18 | |
| 364 | 12/19 | 2000 | 12/20 | 1520 | 19 | 20 | 13 | 37 | 1 | 2 | 1.16 | .26 | 4.5 | 8.0 | 41.7 | 1.01 | 1.60 | Rain, snow |
| 365 | 12/27 | 1914 | 12/28 | 0640 | 11 | 26 | 6 | 31 | 1 | 7 | .66 | .24 | 3.1 | 6.3 | 38.5 | .61 | .96 | Rain, snow |
| 366 | 12/30 | 1450 | 12/31 | 0300 | 12 | 10 | 10 | 3 | 1 | 2 | .79 | .37 | 5.7 | 8.9 | 34.8 | .72 | .92 | Rain, snow |
| | 1953 | | | | | | | | | | | | | | | | | |
| 367 | 1/6 | 0640 | 1/7 | 0750 | 25 | 10 | 25 | 10 | 0 | 6 | 1.17 | .18 | 2.4 | 4.6 | 44.6 | 1.20 | 1.19 | Rain |
| 367A | 1/8 | 0830 | 1/8 | 1057 | 2 | 27 | 2 | 27 | 0 | 1 | .02 | .01 | | | | .03 | .07 | Rain |
| 368 | 1/13 | 1047 | 1/13 | 2000 | 9 | 13 | 9 | 13 | 0 | 5 | .43 | .11 | 2.5 | 4.4 | 48.2 | .44 | .39 | Rain |
| 369 | 2/23 | 0420 | 2/23 | 2210 | 17 | 50 | 13 | 26 | 2 | 41 | .64 | .14 | 2.8 | 5.7 | 32.6 | .70 | 1.13 | Rain, snow, hail |
| 370 | 2/28 | 2130 | 3/1 | 2130 | 24 | 0 | 9 | 55 | 2 | 5 | .67 | .17 | 4.4 | 9.1 | 35.0 | .73 | 1.04 | Rain, snow |
| 371 | 3/19 | 1850 | 3/20 | 0350 | 9 | 0 | 9 | 0 | 0 | 18 | 1.36 | .25 | 5.4 | 8.2 | 45.0 | 1.75 | 1.07 | Rain |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1952-53 (Cont'd)

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Storm Number | Storm start Date | Storm start Time | Storm stop Date | Storm stop Time | Storm duration Hr. | Storm duration Min. | Actual raining time Hr. | Actual raining time Min. | Breaks in stem | Days since last rain | Storm total | Max. hrly rain rate | Wind speed storm avg. | Wind speed Max. hourly | Avg. storm temp. °F. | Range in precipitation 1500 ft IF-50 | Range in precipitation 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1953 (Cont'd) | | | | | | | | | | | | | | | | | |
| 371A | 3/28 | 1948 | 3/28 | 2400 | 4 | 12 | 4 | 12 | 0 | 8 | .10 | .05 | 6.1 | 6.7 | | .02 | .08 | Rain |
| 371B | 4/5 | 1930 | 4/6 | 2330 | 28 | 0 | 12 | 0 | 1 | 8 | .09 | .01 | 2.6 | 3.9 | | .07 | .06 | Rain |
| 372 | 4/19 | 2325 | 4/21 | 0610 | 30 | 45 | 14 | 55 | 3 | 13 | .76 | .15 | 4.4 | 8.9 | 46.3 | .58 | 1.10 | Rain |
| 373 | 4/27 | 0750 | 4/28 | 0200 | 18 | 10 | 15 | 41 | 1 | 6 | .93 | .23 | 2.9 | 5.2 | 48.8 | .88 | .87 | Rain |
| 373A | 4/29 | 1044 | 4/30 | 1730 | 30 | 46 | 1 | 45 | 1 | 1 | .02 | .01 | | | | .11 | .03 | Rain |
| 373B | 5/15 | 0100 | 5/15 | 2400 | 23 | 0 | 5 | 40 | 2 | 15 | .03 | .01 | | | | T | .11 | Rain |
| 374 | 5/27 | 1607 | 5/28 | 0830 | 16 | 23 | 8 | 23 | 1 | 12 | .16 | .07 | 4.2 | 7.0 | 42.6 | .16 | .31 | Rain |
| 374A | 6/1 | 0320 | 6/1 | 0610 | 2 | 50 | 2 | 50 | 0 | 4 | T | T | | | | .01 | .00 | Rain |
| 374B | 6/6 | 2120 | 6/7 | 0240 | 5 | 20 | 5 | 20 | 0 | 5 | T | T | | | | T | .00 | Rain |
| 374C | 6/18 | 0150 | 6/19 | 0200 | 24 | 10 | 20 | 10 | 1 | 11 | .08 | .02 | | | | T | .08 | Rain, mist |
| 374D | 7/12 | 1350 | 7/12 | 1430 | 0 | 40 | 0 | 40 | 0 | 23 | T | T | | | | T | T | Rain |
| 374E | 8/11 | 1655 | 8/11 | 1710 | 0 | 15 | 0 | 15 | 0 | 30 | .07 | .07 | | | | T | .07 | Rain |
| Total | | | | | | | | | | | 15.47 | | | | | 15.07 | 19.44 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1953-54

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Storm number | Storm start Date | Time | Storm stop Date | Time | Storm duration Hr. | Min. | Actual raining time Hr. | Min. | Breaks in storm | Days since last rain | Storm total | Max. hrly rain rate | Wind speed Storm avg. | Max. hourly | Avg. storm temp. °F. | Range in precipitation 1500 ft: IF-50 | 5200 ft: IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1953 | | | | | | | | | | | | | | | | | |
| 374F | 10/18 | 2000 | 10/18 | 2130 | 1 | 30 | 1 | 30 | 0 | 68 | T | | | | | T | | Rain |
| 375 | 10/22 | 1545 | 10/22 | 2200 | 6 | 15 | 6 | 15 | 0 | 4 | 0.19 | 0.12 | 5.3 | 5.9 | 41.8 | 0.33 | 0.86 | Rain, snow |
| 375A | 11/2 | | 11/2 | | | | | | | 11 | T | | | | | | | Rain |
| 376 | 11/4 | 2320 | 11/5 | 0540 | 6 | 20 | 6 | 20 | 0 | 2 | .20 | .05 | 4.8 | 7.6 | 44.9 | .10 | .17 | Rain |
| 377 | 11/14 | 0645 | 11/14 | 1900 | 12 | 15 | 10 | 15 | 1 | 9 | 1.05 | .43 | 3.3 | 5.0 | 50.6 | .89 | 1.59 | Rain |
| 377A | 11/20 | 0240 | 11/20 | 0400 | 1 | 20 | 1 | 20 | 0 | 6 | .07 | .05 | 4.6 | 5.7 | | .11 | .10 | Rain, snow |
| 378 | 12/4 | 0230 | 12/4 | 0700 | 4 | 30 | 4 | 30 | 0 | 14 | .41 | .20 | 2.5 | 3.7 | 43.5 | .58 | .44 | Rain |
| | 1954 | | | | | | | | | | | | | | | | | |
| 379 | 1/11 | 1620 | 1/12 | 2330 | 31 | 10 | 10 | 30 | 4 | 38 | .78 | .32 | 3.9 | 8.0 | 35.3 | .95 | 1.43 | Rain, snow |
| 380 | 1/17 | 2030 | 1/20 | 0350 | 55 | 20 | 52 | 0 | 1 | 5 | 6.56 | .57 | 5.2 | 13.7 | 45.1 | 4.86 | 8.17 | Rain |
| 381 | 1/23 | 2140 | 1/25 | 1050 | 37 | 10 | 32 | 50 | 1 | 3 | 4.76 | .50 | 6.6 | 16.5 | 43.8 | 4.98 | 5.49 | Rain, snow |
| 382 | 2/13 | 0640 | 2/14 | 1655 | 34 | 15 | 24 | 7 | 4 | 19 | 4.24 | .67 | 5.4 | 12.6 | 48.6 | 3.84 | 4.68 | Rain,snow,hail,sleet |
| 382A | 2/17 | 2040 | 2/18 | 0120 | 4 | 40 | 4 | 40 | 0 | 3 | .09 | .04 | | | 44.5 | .16 | .09 | Rain |
| 382B | 3/8 | | 3/8 | | | | | | | 18 | T | | | | | | | Rain |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1953-54 (Cont'd)

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Storm | | Actual raining | | | Days | | Max. hrly | Wind speed | | Avg. storm | Range in precipitation | | |
| Storm number | Storm start Date | Time | Storm stop Date | Time | duration Hr. | Min. | time Hr. | Min. | Breaks in storm | since last rain | Storm total | rain rate | Storm avg. | Max. hourly | temp. °F. | 1500 ft IF-50 | 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1954 (Cont'd) | | | | | | | | | | | | | | | | | |
| 382C | 3/10 | 2000 | 3/10 | 2200 | 2 | 0 | 2 | 0 | 0 | 2 | T | | | | | .02 | | Rain |
| 383 | 3/16 | 1620 | 3/17 | 0650 | 14 | 30 | 14 | 30 | 0 | 6 | 1.30 | .45 | 7.9 | 17.3 | 35.0 | 1.12 | 1.60 | Rain, snow, sleet |
| 384 | 3/19 | 2200 | 3/25 | 1500 | 137 | 0 | 79 | 58 | 9 | 2 | 3.65 | .18 | 3.7 | 10.2 | 41.1 | 2.78 | 4.60 | Rain, snow, hail |
| 385 | 3/29 | 1610 | 3/30 | 0425 | 12 | 15 | 12 | 15 | 0 | 4 | 1.40 | .22 | 4.3 | 10.0 | 41.3 | 1.20 | 1.56 | Rain, snow |
| 386 | 4/27 | 1620 | 4/28 | 0510 | 12 | 50 | 12 | 50 | 0 | 28 | .21 | .04 | 3.1 | 5.0 | 46.2 | .23 | .22 | Rain |
| 386A | 4/29 | 1700 | 4/30 | 0200 | 9 | 0 | 9 | 0 | 0 | 1 | .01 | T | 3.0 | 3.7 | | .02 | .03 | Rain |
| 386B | 5/9 | 0220 | 5/9 | 0500 | 2 | 40 | 2 | 40 | 0 | 9 | T | | | | | | | Rain |
| 386C | 5/16 | | 5/16 | | | | | | | 7 | T | | | | | .00 | | Rain |
| 386D | 5/29 | 1900 | 5/29 | 2200 | | | | | | 13 | T | | | | | | | Rain |
| 386E | 6/16 | 0020 | 6/16 | 0600 | | | | | | 18 | T | | | | | .01 | | Rain |
| 386F | 6/17 | 0001 | 6/17 | 0600 | | | | | | 1 | T | | | | | | | Rain |
| 386G | 6/25 | | 6/25 | | | | | | | 8 | T | | | | | T | | Rain |
| 386H | 6/26 | | 6/26 | | | | | | | 1 | T | | | | | T | | Rain |
| 386I | 6/26 | | 6/27 | | | | | | | 1 | T | | | | | T | | Rain |
| 386J | 7/12 | | 7/13 | | | | | | | 15 | T | | | | | | | Rain |
| 386K | 7/25 | | 7/25 | | | | | | | 12 | T | | | | | .02 | | Rain |
| 386L | 8/3 | | 8/3 | | | | | | | 9 | T | | | | | | | Rain |
| 386M | 9/1 | | 9/1 | | | | | | | 29 | T | | | | | | | Rain |
| 386N | 9/29 | 0100 | 9/29 | 0720 | | | | | | 28 | T | | | | | | | Rain |
| Total | | | | | | | | | | | 24.92 | | | | | 22.20 | 31.03 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1954-55

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Storm number | Storm start Date | Storm start Time | Storm stop Date | Storm stop Time | Storm duration Hr. | Storm duration Min. | Actual raining time Hr. | Actual raining time Min. | Breaks in storm | Days since last rain | Storm total | Max. hrly rain rate | Wind speed Storm avg. | Wind speed Max. hourly | Avg. storm temp. °F. | Range in precipitation 1500 ft IF-50 | Range in precipitation 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1954 | | | | | | | | | | | | | | | | | |
| 387 | 11/10 | 2032 | 11/12 | 0400 | 31 | 28 | 19 | 51 | 3 | 42 | 2.68 | 0.67 | 4.5 | 10.6 | 51.7 | 2.31 | 3.16 | Rain |
| 388 | 11/15 | 1910 | 11/16 | 0400 | 8 | 50 | 8 | 50 | 0 | 3 | .20 | .10 | 2.9 | 3.7 | 45.1 | .21 | .33 | Rain |
| 389 | 11/28 | 2400 | 11/29 | 1040 | 10 | 40 | 10 | 40 | 0 | 12 | .20 | .07 | 2.9 | 6.3 | 44.6 | .12 | .06 | Rain |
| 390 | 12/3 | 0210 | 12/4 | 1440 | 36 | 30 | 20 | 30 | 2 | 4 | 1.35 | .35 | 4.2 | 9.1 | 51.0 | 1.03 | 1.60 | Rain |
| 391 | 12/9 | 1350 | 12/10 | 0300 | 13 | 10 | 11 | 10 | 1 | 5 | .62 | .22 | 4.3 | 7.0 | 42.9 | .66 | .88 | Rain |
| 391A | 12/15 | 0040 | 12/15 | 0257 | 2 | 17 | 2 | 17 | 0 | 5 | T | | | | | | | Rain |
| | 1955 | | | | | | | | | | | | | | | | | |
| 392 | 1/1 | 1000 | 1/2 | 0400 | 18 | 0 | 18 | 0 | 0 | 17 | 1.14 | .30 | 3.7 | 7.6 | 46.0 | .85 | 1.52 | Rain,snow,sleet |
| 392A | 1/3 | 1140 | 1/3 | 1300 | 1 | 20 | 1 | 20 | 0 | 1 | .03 | .02 | | | | | .05 | Rain |
| 393 | 1/6 | 0620 | 1/6 | 2400 | 17 | 40 | 17 | 40 | 0 | 3 | .60 | .16 | 4.5 | 7.4 | 35.6 | .47 | 1.10 | Rain, snow |
| 394 | 1/9 | 2320 | 1/10 | 2300 | 23 | 40 | 17 | 40 | 1 | 3 | 1.91 | .42 | 3.4 | 6.3 | 34.5 | 1.80 | 2.40 | Rain, snow |
| 395 | 1/15 | 2140 | 1/16 | 1440 | 17 | 0 | 17 | 0 | 0 | 5 | 1.27 | .19 | 2.9 | 5.4 | 37.3 | 1.26 | 1.22 | Rain, snow |
| 396 | 1/18 | 0740 | 1/19 | 0200 | 18 | 20 | 18 | 20 | 0 | 2 | 1.95 | .35 | 4.8 | 12.2 | 33.4 | 1.56 | 2.39 | Rain, snow, hail |
| 397 | 1/30 | 1835 | 1/31 | 0650 | 12 | 15 | 9 | 35 | 1 | 11 | .25 | .18 | 5.4 | 6.1 | 38.4 | .21 | .26 | Rain, snow |
| 398 | 2/16 | 1220 | 2/17 | 2400 | 35 | 40 | 21 | 56 | 2 | 16 | .74 | .12 | 2.8 | 6.1 | 50.6 | .66 | 1.01 | Rain |
| 399 | 2/25 | 2300 | 2/27 | 2300 | 48 | 0 | 31 | 32 | 2 | 8 | 1.50 | .23 | 4.3 | 7.8 | 39.7 | .37 | 1.85 | Rain, snow |
| 400 | 3/10 | 1238 | 3/11 | 0120 | 12 | 42 | 12 | 42 | 0 | 11 | .98 | .31 | 3.2 | 5.7 | 48.1 | .70 | .70 | Rain |
| 400A | 3/14 | | 3/14 | | | | | | | 3 | T | T | | | | ) .07. | .03 | Rain |
| 400B | 3/16 | | 3/16 | | | | | | | 2 | T | T | | | | ) | .04 | Rain, sleet |
| 400C | 4/1 | | 4/1 | | | | | | | 16 | T | T | | | | | .01 | Rain |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1954-55 (Cont'd)

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Storm number | Storm start Date | Storm start Time | Storm stop Date | Storm stop Time | Storm duration Hr. | Storm duration Min. | Actual raining time Hr. | Actual raining time Min. | Breaks in storm | Days since last rain | Storm total | Max. hrly rain rate | Wind speed Storm avg. | Wind speed Max. hourly | Avg. storm temp. °F. | Range in precipitation 1500 ft IF-50 | Range in precipitation 5200 ft IF-32 | Character of precipitation |
| | 1955 (Cont'd) | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| 400D | 4/18 | | 4/18 | | | | | | | 17 | T | T | | | | | | |
| 401 | 4/21 | 1928 | 4/22 | 0520 | 9 | 52 | 9 | 52 | 0 | 3 | .61 | .13 | 2.9 | 4.8 | 42.4 | .70 | .64 | Rain |
| 402 | 4/26 | 0430 | 4/26 | 0910 | 4 | 40 | 4 | 40 | 0 | 4 | .12 | .06 | 2.4 | 2.7 | 45.6 | .08 | .18 | Rain |
| 403 | 4/30 | 1100 | 5/1 | 1538 | 28 | 38 | 22 | 46 | 1 | 4 | 2.74 | .39 | 6.1 | 13.2 | 42.0 | 1.92 | 2.85 | Rain, snow |
| 404 | 5/7 | 0240 | 5/8 | 1400 | 35 | 20 | 15 | 13 | 3 | 6 | .72 | .17 | 2.9 | 5.2 | 47.3 | .56 | .78 | Rain |
| 404A | 5/14 | | 5/14 | | | | | | | 6 | T | T | | | | | | Rain |
| 404B | 5/24 | 2140 | 5/25 | 0230 | 4 | 50 | 4 | 50 | 0 | 10 | .08 | .04 | 3.9 | 6.1 | 45.8 | .03 | .06 | Rain |
| 405 | 5/30 | 1050 | 5/31 | 0430 | 17 | 40 | 14 | 40 | 1 | 5 | .17 | .03 | 4.5 | 6.3 | 51.6 | .05 | .02 | Rain |
| 405A | 6/13 | 1520 | 6/14 | 0400 | 12 | 40 | 12 | 40 | 0 | 13 | .05 | T | 3.0 | 3.5 | | T | | Rain |
| 405B | 6/25 | | 6/25 | | | | | | | 11 | T | T | | | | | | Rain |
| 405C | 6/26 | | 6/26 | | | | | | | 1 | T | T | | | | | | Rain |
| 405D | 6/29 | | 6/29 | | | | | | | 3 | T | T | | | | | | Rain |
| 405E | 7/3 | | 7/3 | | | | | | | 4 | T | T | | | | | | Rain |
| 405F | 7/19 | 0700 | 7/19 | | | | | | | 16 | T | T | | | | | | Rain |
| 405G | 8/4 | 0030 | 8/4 | 0430 | 4 | 0 | 4 | 0 | 0 | 16 | .03 | .02 | | | | .00 | | Rain |
| 405H | 8/11 | | 8/11 | | | | | | | 7 | T | T | | | | | | Rain |
| 405I | 8/31 | | 8/31 | | | | | | | 20 | T | T | | | | T | | Rain |
| 405J | 9/24 | | 9/24 | | | | | | | 24 | T | T | | | | | .04 | Rain |
| Total | | | | | | | | | | | 19.94 | | | | | 16.12 | 23.18 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1955-56

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Actual | | | Days | | Max. | | | Avg. | Range in | | |
| | | | | | Storm | | raining | | Breaks | since | | Hrly | Wind speed | | storm | precipitation | | |
| Storm number | Storm start Date | Storm start Time | Storm stop Date | Storm stop Time | duration Hr. | duration Min. | time Hr. | time Min. | in storm | last rain | Storm total | rain rate | Storm avg. | Max. hourly | temp. °F. | 1500 ft IF-50 | 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | | | 1955 | | | | | | | | | | | | | | | |
| 405K | 10/21 | 1540 | 10/21 | 1640 | 1 | 0 | 1 | 0 | 0 | 27 | 0.01 | 0.01 | 5.2 | 5.2 | | 0.01 | 0.04 | Rain |
| 405L | 11/12 | | 11/12 | | | | | | | 22 | T | | | | | | | Rain |
| 406 | 11/13 | 1150 | 11/14 | 0700 | 19 | 10 | 9 | 30 | 1 | 1 | 1.04 | .26 | 3.7 | 7.0 | 41.1 | .92 | 1.38 | Rain, snow |
| 407 | 11/17 | 0010 | 11/17 | 1040 | 10 | 30 | 5 | 40 | 1 | 3 | .11 | .03 | 3.1 | 3.7 | 41.2 | .11 | .10 | Rain |
| 408 | 11/21 | 0850 | 11/21 | 1651 | 8 | 1 | 8 | 1 | 0 | 4 | .80 | .28 | 3.0 | 6.7 | 45.3 | .66 | .69 | Rain, hail |
| 409 | 12/1 | 1146 | 12/2 | 1200 | 24 | 14 | 10 | 26 | 2 | 10 | .37 | .10 | 1.7 | 2.7 | 46.4 | .50 | .45 | Rain |
| 410 | 12/4 | 0040 | 12/4 | 1700 | 16 | 20 | 16 | 20 | 0 | 2 | .40 | .10 | 2.8 | 5.0 | 37.8 | .46 | .58 | Rain, snow |
| 410A | 12/6 | 1000 | 12/6 | 1550 | 5 | 50 | 5 | 50 | 0 | 2 | .02 | .01 | | | 48.6 | .00 | .00 | Rain |
| 411 | 12/23 | 0010 | 12/23 | 1000 | 9 | 50 | 7 | 26 | 1 | 17 | .13 | .03 | 2.8 | 4.6 | 51.7 | .16 | .14 | Rain |
| 411A | 12/24 | 2140 | 12/25 | 0300 | 5 | 20 | 5 | 20 | 0 | 1 | .03 | .01 | 3.0 | 3.7 | 46.6 | .05 | .02 | Rain |
| 411B | 12/26 | 2100 | 12/27 | 0400 | 7 | 0 | 7 | 0 | 0 | 1 | .09 | .03 | 1.6 | 2.2 | 60.5 | .04 | .16 | Rain |
| 411C | 12/31 | 0800 | 12/31 | 1100 | 3 | 0 | 3 | 0 | 0 | 4 | T | | 1.2 | 3.3 | | T | .01 | Rain |
| | | | 1956 | | | | | | | | | | | | | | | |
| 411D | 1/11 | 1515 | 1/11 | 1523 | 0 | 8 | 0 | 8 | 0 | 11 | T | | | | | | .00 | Rain |
| 411E | 1/20 | 0820 | 1/20 | 1120 | 3 | 0 | 3 | 0 | 0 | 9 | .01 | T | | | | | .02 | Rain |
| 412 | 1/22 | 1800 | 1/23 | 0720 | 13 | 20 | 13 | 20 | 0 | 2 | .10 | .02 | 2.8 | 5.0 | 44.7 | .05 | .08 | Rain |
| 413 | 1/25 | 0500 | 1/27 | 1700 | 60 | 0 | 53 | 0 | 2 | 2 | 10.01 | .68 | 4.2 | 9.2 | 47.7 | 11.01 | 10.60 | Rain |
| 413A | 1/28 | 1810 | 1/29 | 1000 | 15 | 50 | 1 | 30 | 1 | 1 | .02 | .01 | 2.3 | 2.3 | | .02 | .06 | Rain, snow |
| 414 | 1/30 | 1800 | 1/31 | 1030 | 16 | 30 | 10 | 40 | 1 | 1 | .43 | .10 | 5.0 | 8.5 | 39.1 | .38 | .55 | Rain, hail, snow |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1955-56 (Cont'd)

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Actual | | | Days | | Max. | | | Avg. | Range in | | |
| | | | | | Storm | | raining | | Breaks | since | | Hrly | Wind speed | | storm | precipitation | | |
| Storm number | Storm start Date | Time | Storm stop Date | Time | duration Hr. | Min. | time Hr. | Min. | in storm | last rain | Storm total | rain rate | Storm avg. | Max. hourly | temp. °F. | 1500 ft IF-50 | 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1956 (Cont'd) | | | | | | | | | | | | | | | | | |
| 415 | 2/16 | 0020 | 2/16 | 0720 | 7 | 0 | 7 | 0 | 0 | 16 | .10 | .05 | 7.3 | 12.6 | 35.4 | T | .16 | Rain, snow |
| 416 | 2/22 | 1420 | 2/24 | 0715 | 40 | 55 | 29 | 10 | 2 | 6 | 1.42 | .29 | 3.6 | 10.6 | 44.4 | 1.05 | 1.46 | Rain, snow |
| 416A | 3/5 | 1640 | 3/6 | 1600 | 23 | 20 | 16 | 20 | 1 | 10 | .02 | T | | | | | T | Rain |
| 417 | 3/31 | 1615 | 4/1 | 1530 | 23 | 15 | 5 | 37 | 2 | 25 | .25 | .12 | 4.4 | 7.8 | 41.1 | .27 | .42 | Rain, snow |
| 417A | 4/2 | | 4/2 | | | | | | | 1 | T | | | | | | .07 | Rain |
| 418 | 4/10 | 0400 | 4/13 | 2400 | 92 | 0 | 44 | 41 | 6 | 8 | 2.31 | .22 | 3.9 | 5.0 | 40.5 | 2.11 | 3.07 | Rain, snow |
| 418A | 4/17 | | 4/18 | | | | | | | 4 | T | | | | | .02 | .07 | Light mist |
| 418B | 4/24 | 0515 | 4/24 | 0520 | 0 | 5 | 0 | 5 | 0 | 6 | T | | | | | | | Rain |
| 419 | 4/26 | 0400 | 4/27 | 0630 | 26 | 30 | 16 | 0 | 2 | 2 | 1.12 | .28 | 3.8 | 8.9 | 45.6 | 1.02 | 1.31 | Rain |
| 419A | 4/30 | | 4/30 | | | | | | | 3 | T | | | | | | .04 | Rain |
| 420 | 5/8 | 2017 | 5/10 | 0510 | 32 | 53 | 16 | 38 | 5 | 8 | 1.30 | .25 | 4.2 | 9.3 | 46.6 | 1.01 | 1.37 | Rain |
| 420A | 5/17 | | 5/17 | | | | | | | 7 | T | | | | | | .02 | Rain |
| 420B | 5/24 | | 5/30 | | | | 9 | 0 | 0 | 7 | .09 | .01 | 3.7 | 6.5 | | .05 | NR | Rain and mist |
| 420C | 7/2 | | 7/2 | | | | | | | 3 | T | | | | | | | Rain |
| 420D | 7/25 | 1200 | 7/25 | | | | | | | 23 | T | | | | | .11 | ) .20 | Rain |
| 420E | 7/26 | 1415 | 7/26 | | | | | | | 1 | T | | | | | | ) | Rain |
| 420F | 8/27 | | 8/28 | | | | | | | 32 | T | | 3.3 | 3.3 | | .01 | T | Rain |
| 420G | 9/6 | 0230 | 9/6 | | | | | | | 9 | T | | | | | T | | Rain |
| Total | | | | | | | | | | | 20.18 | | | | | 20.02 | 23.07 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1956-57

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Storm | | Actual raining | | | Days | | Max. hrly | Wind speed | | Avg. storm | Range in precipitation | | |
| Storm number | Storm start Date | Time | Storm stop Date | Time | duration Hr. | Min. | time Hr. | Min. | Breaks in storm | since last rain | Storm total | rain rate | Storm avg. | Max. hourly | temp. °F. | 1500 ft IF-50 | 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1956 | | | | | | | | | | | | | | | | | |
| 421 | 10/4 | 0430 | 10/4 | 1450 | 10 | 20 | 10 | 20 | 0 | 28 | 0.27 | 0.05 | 4.1 | 7.4 | 56.7 | 0.41 | 0.15 | Rain |
| 421A | 10/28 | 0405 | 10/28 | 1604 | 11 | 59 | 7 | 9 | 1 | 24 | .06 | .02 | 3.8 | 8.2 | 44.1 | .12 | .14 | Rain |
| 421B | 12/4 | 0901 | 12/4 | | | | | | | 37 | T | | | | | | | Rain |
| 422 | 12/5 | 0916 | 12/6 | 1220 | 27 | 4 | 19 | 37 | 2 | 1 | 1.05 | .18 | 2.8 | 4.6 | 46.0 | 1.14 | .84 | Rain |
| | 1957 | | | | | | | | | | | | | | | | | |
| 423 | 1/4 | 1035 | 1/5 | 1030 | 23 | 55 | 23 | 55 | 0 | 29 | 1.30 | .25 | 3.2 | 7.0 | 45.8 | 1.16 | 1.65 | Rain, snow |
| 424 | 1/7 | 0910 | 1/8 | 0150 | 16 | 40 | 16 | 40 | 0 | 2 | .40 | .09 | 2.3 | 4.4 | 44.9 | .44 | .72 | Rain |
| 425 | 1/9 | 2040 | 1/10 | 1040 | 14 | 0 | 11 | 5 | 1 | 1 | .90 | .35 | 3.1 | 5.9 | 45.6 | .90 | 1.70 | Rain |
| 426 | 1/12 | 0840 | 1/13 | 0630 | 21 | 50 | 21 | 50 | 0 | 2 | 3.70 | .56 | 5.3 | 10.6 | 51.2 | 3.27 | 4.52 | Rain |
| 427 | 1/20 | 1120 | 1/21 | 0240 | 15 | 20 | 9 | 0 | 1 | 7 | .37 | .10 | 2.9 | 3.5 | 37.5 | .40 | .43 | Rain, snow |
| 428 | 1/23 | 1140 | 1/29 | 2010 | 152 | 30 | 77 | 59 | 9 | 2 | 2.19 | .17 | 2.5 | 5.9 | 36.2 | 1.93 | 3.33 | Rain, snow |
| 428A | 2/7 | 1625 | 2/11 | | 103 | 35 | | | | 9 | .03 | .01 | 2.9 | 5.4 | | .03 | .21 | Rain |
| 428B | 2/16 | | 2/20 | | | | | | | 5 | .01 | | 2.5 | 2.9 | | .02 | .02 | Rain |
| 429 | 2/22 | 2330 | 2/23 | 1635 | 17 | 5 | 11 | 55 | 2 | 2 | 1.78 | .36 | 6.0 | 11.1 | 49.6 | 1.36 | 2.23 | Rain |
| 430 | 2/28 | 1000 | 3/2 | 0300 | 41 | 0 | 19 | 0 | 2 | 5 | 1.08 | .39 | 5.2 | 8.7 | 46.8 | 1.09 | 1.11 | Rain |
| 431 | 3/9 | 0725 | 3/10 | 0300 | 19 | 35 | 19 | 35 | 0 | 7 | .90 | .34 | 4.1 | 7.0 | 41.7 | .52 | .53 | Rain, hail IF-50 |
| 431A | 3/12 | 0506 | 3/12 | | | | | | | 2 | T | | | | | | | Rain |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1956-57 (Cont'd)

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Actual | | | Days | | Max. | | | Avg. | Range in precipitation | | |
| | Storm start | | Storm stop | | Storm duration | | raining time | | Breaks in | since last | Storm | hrly: rain: rate: | Wind speed Storm: avg.: | Max. hourly: | Storm temp. °F. | 1500 ft: IF-50 | 5200 ft: IF-32 | Character of precipitation |
| Storm number | Date | Time | Date | Time | Hr. | Min. | Hr. | Min. | storm | rain | total | | | | | | | |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1957 (Cont'd) | | | | | | | | | | | | | | | | | |
| 432 | 3/16 | 0250 | 3/17 | 0030 | 21 | 40 | 14 | 10 | 2 | 4 | .64 | .27 | 4.1 | 8.9 | 40.2 | .57 | .74 | Rain, hail at TB |
| 432A | 3/19 | 0900 | 3/19 | 1100 | 2 | 0 | 2 | 0 | 0 | 2 | .01 | | | | | | | Rain |
| 432B | 3/21 | | 3/21 | | | | | | | 2 | T | | | | | | | Rain |
| 433 | 4/17 | 1340 | 4/18 | 1900 | 29 | 20 | 16 | 0 | 2 | 27 | .90 | .23 | 3.4 | 5.7 | 47.2 | .70 | .97 | Rain |
| 434 | 4/19 | 2400 | 4/21 | 1740 | 41 | 40 | 20 | 55 | 3 | 1 | .99 | .25 | 3.0 | 6.5 | 40.1 | 1.08 | 1.06 | Rain, snow |
| 434A | 4/22 | 2400 | 4/23 | 0140 | 1 | 40 | 1 | 40 | 0 | 1 | .01 | .01 | 2.6 | 2.9 | | T | .12 | Rain |
| 434B | 5/7 | 0800 | 5/7 | 1100 | 3 | 0 | 3 | 0 | 0 | 14 | .03 | .02 | | 4.4 | | .00 | T | Rain |
| 435 | 5/10 | 1500 | 5/11 | 2400 | 33 | 0 | 17 | 24 | 3 | 3 | 1.13 | .28 | 3.1 | 5.2 | 45.7 | .68 | 1.15 | Rain |
| 435A | 5/14 | 1520 | 5/14 | 1730 | 2 | 10 | 2 | 10 | 0 | 3 | .04 | .04 | 2.5 | 2.5 | 47.8 | .04 | .13 | Rain |
| 436 | 5/18 | 1840 | 5/19 | 0510 | 10 | 30 | 10 | 30 | 0 | 4 | 1.46 | .29 | 4.9 | 7.0 | 52.8 | 1.55 | 1.36 | Rain |
| 437 | 5/20 | 1410 | 5/21 | 0110 | 11 | 0 | 7 | 50 | 1 | 1 | .13 | .03 | | 2.4 | 47.8 | .11 | .20 | Rain |
| 437A | 5/22 | | 5/22 | | | | | | | 1 | T | T | | | | | | Rain |
| 437B | 5/23 | 0826 | 5/23 | 1100 | 2 | 34 | 2 | 34 | | 1 | .03 | .02 | | | 47.7 | T | .13 | Rain |
| 437C | 5/24 | | 5/24 | | | | | | | 1 | T | | | | | | | Rain |
| 437D | 6/8 | 0700 | 6/8 | | | | | | | 15 | T | | 2.4 | 3.7 | | ) .42 | ) .43 | Rain |
| 438 | 6/9 | 1540 | 6/10 | 2250 | 31 | 10 | 18 | 40 | 2 | 1 | .38 | .06 | 2.7 | 5.4 | 53.2 | ) | ) | Rain |
| 438A | 7/2 | 0330 | 7/2 | 0750 | 4 | 20 | 1 | 12 | 1 | 22 | .02 | .01 | 3.6 | 8.5 | 69.8 | | | Rain |
| Total | | | | | | | | | | | 19.81 | | | | | 17.94 | 23.87 | |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1957-58

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Storm | | Actual raining time | | Breaks in | Days since last | | Max. hrly rain | Wind speed | | Avg. storm temp. | Range in precipitation | | |
| Storm number | Storm start Date | Time | Storm stop Date | Time | duration Hr. | Min. | Hr. | Min. | storm | rain | Storm total | rate | Storm avg. | Max. hourly | °F. | 1500 ft IF-50 | 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1957 | | | | | | | | | | | | | | | | | |
| 439 | 10/11 | 0150 | 10/11 | 1810 | 16 | 20 | 14 | 17 | 1 | 101 | 1.58 | 0.38 | 3.4 | 6.5 | 50.7 | 1.81 | 1.86 | Rain |
| 440 | 10/13 | 0829 | 10/14 | 0500 | 20 | 31 | 20 | 31 | 0 | 2 | .71 | .21 | 2.7 | 3.6 | 51.7 | .57 | .83 | Rain |
| 441 | 10/19 | 2300 | 10/21 | 1320 | 38 | 20 | 16 | 30 | 4 | 5 | 1.08 | .82 | 3.4 | 8.6 | 47.4 | .81 | .69 | Rain, snow |
| 442 | 10/26 | 0735 | 10/26 | 1040 | 3 | 5 | 3 | 5 | 0 | 5 | .10 | .07 | 6.2 | 7.2 | 60.3 | .05 | .15 | Rain |
| 442A | 10/28 | 0620 | 10/28 | 0620 | | | | | | 2 | T | | | | | | | Rain |
| 443 | 10/29 | 1915 | 10/31 | 1440 | 43 | 25 | 15 | 36 | 3 | 1 | .59 | .28 | 6.2 | 7.2 | 55.8 | .60 | .67 | Rain |
| 444 | 11/2 | 0739 | 11/5 | 1430 | 78 | 51 | 40 | 41 | 4 | 2 | 1.63 | .36 | 3.5 | 8.9 | 43.7 | 1.18 | 2.41 | Rain, hail |
| 444A | 11/16 | 1415 | 11/16 | 1700 | 2 | 45 | 2 | 45 | 0 | 11 | .02 | .01 | 2.4 | 3.3 | 47.5 | .09 | .04 | Rain |
| 445 | 12/4 | 1908 | 12/5 | 1700 | 21 | 52 | 18 | 57 | 1 | 18 | 1.98 | .61 | 4.1 | 12.1 | 42.8 | 1.76 | 2.62 | Rain |
| 446 | 12/15 | 0339 | 12/17 | 0310 | 47 | 31 | 39 | 25 | 1 | 10 | 6.60 | .63 | 5.9 | 13.3 | 52.1 | 5.75 | 10.00 | Rain |
| | 1958 | | | | | | | | | | | | | | | | | |
| 446A | 1/10 | 0542 | 1/10 | 0720 | 1 | 38 | 1 | 38 | 0 | 24 | .04 | .03 | | | 45.2 | T | .03 | Rain |
| 447 | 1/24 | 1600 | 1/26 | 2230 | 54 | 30 | 34 | 30 | 5 | 14 | 3.77 | .36 | 3.5 | 11.8 | 48.9 | 4.17 | 4.32 | Rain |
| 447A | 1/30 | 0630 | 1/30 | 0640 | 0 | 10 | 0 | 10 | 0 | 4 | .01 | .01 | | | | T | .02 | Rain |
| 448 | 2/2 | 1500 | 2/5 | 0240 | 59 | 40 | 57 | 40 | 1 | 3 | 6.05 | .38 | 4.3 | 11.5 | 47.3 | 6.14 | 9.34 | Rain, sleet |
| 448A | 2/8 | 1340 | 2/8 | 1700 | 3 | 20 | 3 | 20 | 0 | 3 | .02 | .01 | 4.3 | 7.2 | 52.8 | .03 | .03 | Rain |
| 448B | 2/12 | 1330 | 2/12 | 2400 | 10 | 30 | 5 | 0 | 1 | 4 | .04 | .01 | 3.2 | 3.7 | 50.2 | T | .03 | Rain |
| 449 | 2/18 | 2130 | 2/19 | 1320 | 15 | 50 | 15 | 50 | 0 | 6 | 2.21 | .41 | 5.5 | 9.6 | 47.0 | 1.87 | 2.59 | Rain |
| 450 | 2/25 | 0120 | 2/25 | 1530 | 14 | 10 | 9 | 2 | 2 | 6 | 1.50 | .38 | 5.5 | 11.9 | 49.2 | 1.34 | 1.46 | Rain |
| 451 | 2/28 | 1630 | 3/1 | 0740 | 15 | 10 | 3 | 40 | 1 | 3 | .38 | .18 | 5.5 | 9.6 | 38.9 | .64 | .51 | Rain |
| 452 | 3/6 | 0445 | 3/7 | 0510 | 24 | 25 | 18 | 13 | 2 | 5 | 1.42 | .24 | 2.4 | 7.7 | 34.7 | 1.26 | 1.96 | Rain, snow |

SAN DIMAS EXPERIMENTAL FOREST

Storm Data
Tanbark Flat Field Headquarters
Hydrologic Year 1957-58 (Cont'd)

| 1 | 2 | 3 | 4 | 5 | 6 | | 7 | | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Storm number | Storm start Date | Storm start Time | Storm stop Date | Storm stop Time | Storm duration Hr. | Storm duration Min. | Actual raining time Hr. | Actual raining time Min. | Breaks in storm | Days since last rain | Storm total | Max. hrly rain rate | Wind speed Storm avg. | Wind speed Max. hourly | Avg. storm temp. °F. | Range in precipitation 1500 ft: IF-50 | Range in precipitation 5200 ft IF-32 | Character of precipitation |
| | | | | | | | | | | | Inches | IPH | MPH | | | Inches | | |
| | 1958 (Cont'd) | | | | | | | | | | | | | | | | | |
| 453 | 3/10 | 2045 | 3/14 | 0300 | 78 | 15 | 26 | 45 | 4 | 3 | .97 | .24 | 3.1 | 8.0 | 39.2 | .70 | 1.07 | Rain, snow, sleet |
| 454 | 3/15 | 0800 | 3/17 | 0900 | 49 | 0 | 31 | 10 | 2 | 1 | 3.16 | .41 | 3.6 | 8.9 | 47.4 | 3.04 | 3.81 | Rain |
| 455 | 3/20 | 1350 | 3/21 | 0300 | 13 | 10 | 13 | 10 | 0 | 3 | .81 | .16 | 3.1 | 6.2 | 45.9 | .72 | .89 | Rain |
| 456 | 3/21 | 2220 | 3/22 | 0400 | 5 | 40 | 5 | 40 | 0 | 1 | .90 | .34 | 3.7 | 5.4 | 45.2 | 1.07 | 1.13 | Rain |
| 457 | 3/27 | 0745 | 3/27 | 1910 | 11 | 25 | 7 | 3 | 1 | 5 | 1.08 | .34 | 4.7 | 6.7 | 41.5 | 1/ 1.01 | 1.23 | Rain, trace of hail |
| 457A | 3/30 | 1430 | 3/30 | 2230 | 8 | 0 | 8 | 0 | 0 | 3 | .05 | .03 | 2.9 | 3.8 | 48.2 | .08 | .08 | Rain |
| 458 | 3/31 | 1125 | 4/2 | 0200 | 38 | 35 | 30 | 55 | 1 | 1 | 4.51 | .58 | 4.6 | 18.0 | 43.4 | 3.79 | 4.92 | Rain |
| 459 | 4/2 | 1220 | 4/4 | 0350 | 39 | 30 | 24 | 10 | 3 | 0 | 3.67 | .66 | 5.7 | 21.6 | 43.3 | 2.20 | 3.23 | Rain |
| 460 | 4/6 | 0852 | 4/7 | 1300 | 28 | 8 | 21 | 38 | 1 | 2 | 2.27 | .34 | 3.5 | 8.7 | 37.5 | 2.52 | 2.57 | Rain, snow |
| 460A | 4/30 | | 5/2 | | | | | | 2 | 23 | T | | | | | | .01 | Heavy fog, rain |
| 460B | 5/8 | | 5/8 | | | | | | 0 | 6 | T | | | | | T | | Rain |
| 461 | 5/11 | 0646 | 5/12 | 0100 | 18 | 14 | 11 | 4 | 1 | 3 | .12 | .06 | 3.6 | 5.5 | 49.7 | .05 | .14 | Rain |
| 461A | 6/16 | 0750 | 6/16 | 0900 | 1 | 10 | 1 | 10 | 0 | 35 | .02 | .02 | | | 68.7 | T ) | | Rain |
| 461B | 8/13 | 0320 | 8/13 | 0350 | 0 | 30 | 0 | 30 | 0 | 58 | .02 | .02 | 4.1 | 5.4 | 68.0 | ) | | Rain |
| 462 | 8/15 | 0830 | 8/15 | 1505 | 6 | 35 | 6 | 35 | 0 | 2 | .49 | .35 | 3.8 | 6.3 | 74.2 | .52) | .71 | Rain |
| 463 | 9/23 | 0300 | 9/23 | 2300 | 20 | 0 | 15 | 0 | 1 | 39 | .28 | .14 | 3.0 | 4.2 | 54.5 | .24 | .61 | Rain |
| Total | | | | | | | | | | | 48.08 | | | | | 44.01 | 59.96 | |

1/ .06 rain on 3/23